

October 27, 2010

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



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

**WorkOrder:** 10100541

Dear Pete Sazama:

TEKLAB, INC received 5 samples on 10/13/2010 2:50:00 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:** A831-735002-012901-225Ameren Champaign 62409080120

**Lab Order:** 10100541

**Report Date:** 27-Oct-10

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
10100541-001	P6-A4.5-W (3)	6	10/12/2010 2:10:00 PM
10100541-002	P6-A4.5-W (8)	5	10/12/2010 2:20:00 PM
10100541-003	P6-A4.5-W (20)	5	10/12/2010 2:33:00 PM
10100541-004	P6-A5.5-W (3)	5	10/12/2010 2:55:00 PM
10100541-005	P6-A5.5-W (8)	5	10/12/2010 3:05:00 PM

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**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10100541

**Report Date:** 27-Oct-10

**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

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10100541

**Lab ID:** 10100541-001

**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch

**Client Sample ID:** P6-A4.5-W (3)

**Collection Date:** 10/12/2010 2:10:00 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		22.8	%	1	10/14/2010 1:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		77.2	%	1	10/14/2010 1:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.31	J	1.4	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
Barium	NELAP	0.46		150	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
Cadmium	NELAP	0.19		1.12	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
Chromium	NELAP	0.93		26.7	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
Lead	NELAP	3.70		16.9	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
Selenium	NELAP	3.70		< 3.70	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>								
4,4'-DDD	NELAP	6.50	R	ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
4,4'-DDE	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
4,4'-DDT	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Alachlor	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Aldrin	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
alpha-BHC	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
alpha-Chlordane	NELAP	6.50	R	ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
beta-BHC	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Chlordane	NELAP	13.0		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
delta-BHC	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Dieldrin	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Endosulfan I	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Endosulfan II	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Endosulfan sulfate	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Endrin	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Endrin aldehyde	NELAP	6.50	R	ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Endrin ketone	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
gamma-BHC	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
gamma-Chlordane	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Heptachlor	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Heptachlor epoxide	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Methoxychlor	NELAP	6.50	R	ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Toxaphene	NELAP	117		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Surr: Decachlorobiphenyl		48-149		116.2	%REC	1	10/18/2010 11:02:00 PM	MAV
Surr: Tetrachloro-m-xylene		19-145		88.2	%REC	1	10/18/2010 11:02:00 PM	MAV
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-001  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (3)  
**Collection Date:** 10/12/2010 2:10:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								
Aroclor 1016	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Aroclor 1221	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Aroclor 1232	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Aroclor 1242	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Aroclor 1248	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Aroclor 1254	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Aroclor 1260	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Surr: Decachlorobiphenyl		5-156		101.2	%REC	1	10/19/2010 10:47:00 AM	MAV
Surr: Tetrachloro-meta-xylene		7.35-123		72.0	%REC	1	10/19/2010 10:47:00 AM	MAV
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.110		17.6	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Acenaphthylene	NELAP	0.110		1.64	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Anthracene	NELAP	0.110		8.84	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Benzo(a)anthracene	NELAP	0.110		4.11	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Benzo(a)pyrene	NELAP	0.110		3.81	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.110		2.96	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.110		1.67	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.110		0.868	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	2.17		ND	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Chrysene	NELAP	0.110		4.11	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.110		0.419	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Fluoranthene	NELAP	0.110		9.92	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Fluorene	NELAP	0.110		9.20	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.110		1.28	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Naphthalene	NELAP	0.110		4.57	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Phenanthrene	NELAP	0.110		29.5	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Pyrene	NELAP	0.110		13.6	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		76.0	%REC	25	10/15/2010 3:50:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		79.5	%REC	25	10/15/2010 3:50:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		85.7	%REC	25	10/15/2010 3:50:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
1,2-Dichlorobenzene	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
1,3-Dichlorobenzene	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
1,4-Dichlorobenzene	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2,4-Dichlorophenol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-001  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (3)  
**Collection Date:** 10/12/2010 2:10:00 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-Dimethylphenol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2,4-Dinitrophenol	NELAP	6.47		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2,4-Dinitrotoluene	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2,6-Dinitrotoluene	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2-Chloronaphthalene	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2-Chlorophenol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2-Methoxy-4-methylphenol		4.21		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2-Methylnaphthalene	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2-Nitroaniline	NELAP	6.47		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2-Nitrophenol	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
3-Nitroaniline	NELAP	6.47		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	6.47		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4-Chloroaniline	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4-Nitroaniline	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4-Nitrophenol	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Aniline	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Azobenzene		2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Benzidine	NELAP	6.84		see note	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Benzoic acid	NELAP	9.71		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Benzyl alcohol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Butyl benzyl phthalate	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Carbazole		3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Dibenzofuran	NELAP	2.27	J	1.8	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Diethyl phthalate	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Dimethyl phthalate	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Di-n-butyl phthalate	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Di-n-octyl phthalate	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Hexachlorobenzene	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Hexachlorobutadiene	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Hexachloroethane	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100541

**Client Sample ID:** P6-A4.5-W (3)

**Lab ID:** 10100541-001

**Collection Date:** 10/12/2010 2:10:00 PM

**Report Date:** 27-Oct-10

**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>								
Isophorone	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
m,p-Cresol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Nitrobenzene	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
N-Nitrosodimethylamine	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
o-Cresol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Pentachlorophenol	NELAP	12.9		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Phenol	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Pyridine	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
1,2-Diphenylhydrazine		5.44		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		74.9	%REC	5	10/15/2010 11:07:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		80.5	%REC	5	10/15/2010 11:07:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		68.9	%REC	5	10/15/2010 11:07:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		87.7	%REC	5	10/15/2010 11:07:00 AM	DMH
Surr: Phenol-d5		34.9-110		74.8	%REC	5	10/15/2010 11:07:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		86.4	%REC	5	10/15/2010 11:07:00 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	10/15/2010 1:06:00 PM	RWE
1,1,1-Trichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1,2-Trichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1-Dichloro-2-propanone		1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1-Dichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1-Dichloropropene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2,3-Trichloropropane	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2,3-Trimethylbenzene		120		345	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	120		171	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2-Dibromoethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2-Dichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	120	J	110	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-001  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (3)  
**Collection Date:** 10/12/2010 2:10:00 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>								
1,3-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,3-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,4-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1-Chlorobutane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
2,2-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
2-Butanone	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
2-Chlorotoluene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
2-Hexanone	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
2-Nitropropane	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
4-Chlorotoluene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Acetone	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Acrolein	NELAP	2400		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Acrylonitrile	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Allyl chloride	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Benzene	NELAP	24.0		56.6	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Bromobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Bromochloromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Bromodichloromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Bromoform	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Bromomethane	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Carbon disulfide	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Carbon tetrachloride	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Chlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Chloroethane	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Chloroform	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Chloromethane	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	96.0		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Cyclohexanone		2400		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Dibromochloromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Dibromomethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Dichlorodifluoromethane	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Ethyl acetate	NELAP	1200	J	440	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Ethyl ether	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Ethyl methacrylate	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Ethylbenzene	NELAP	120		561	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Heptane		480		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100541

**Client Sample ID:** P6-A4.5-W (3)

**Lab ID:** 10100541-001

**Collection Date:** 10/12/2010 2:10:00 PM

**Report Date:** 27-Oct-10

**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>								
Hexachlorobutadiene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Hexachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Iodomethane	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Isopropylbenzene	NELAP	120	J	110	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
m,p-Xylenes	NELAP	120	J	52	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Methacrylonitrile	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Methyl Methacrylate	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Methyl tert-butyl ether	NELAP	48.0		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Methylacrylate		240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Methylene chloride	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Naphthalene	NELAP	240		2390	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
n-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
n-Hexane		480		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Nitrobenzene	NELAP	2400		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
n-Propylbenzene	NELAP	120	J	68	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
o-Xylene	NELAP	120		216	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Pentachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
p-Isopropyltoluene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Propionitrile	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
sec-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Styrene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
tert-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Tetrachloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Tetrahydrofuran	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Toluene	NELAP	120	J	44	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	96.0		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Trichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Trichlorofluoromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Vinyl acetate	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Vinyl chloride	NELAP	48.0		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.7	%REC	12.5	10/15/2010 1:06:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.7	%REC	12.5	10/15/2010 1:06:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		98.4	%REC	12.5	10/15/2010 1:06:00 PM	RWE
Surr: Toluene-d8		86-116		102.2	%REC	12.5	10/15/2010 1:06:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		0.038	mg/Kg-dry	1	10/15/2010	MEK
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-001  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (3)  
**Collection Date:** 10/12/2010 2:10:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								
2,4,5-T	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
2,4,5-TP (Silvex)	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
2,4-D	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
2,4-DB	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
3,5-Dichlorobenzoic Acid	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
Acifluorfen	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
Bentazon	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
Chloramben	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
Dalapon	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
DCPA	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
Dicamba	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
Dichlorprop	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
Dinoseb	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
Pentachlorophenol	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
Picloram	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 11:36:00 AM	SUB
Surr: DCAA		50-136		65.1	%REC	1	10/23/2010 11:36:00 AM	SUB
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.635		0.891	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.65		0.99	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS

### Sample Narrative

SW-846 8151A, Chlorinated Herbicides by GC/ECD

The blank spike recovery was outside acceptance limits. Batch accepted based on acceptable MS/MSD/RPD results.

Analysis performed by Keystone Laboratories, Inc.

SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD

RPD was outside of QC limit due to matrix interference.

Elevated reporting limit due to sample composition.

SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD

Elevated reporting limit due to sample composition.

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

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

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

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:** 10100541  
**Lab ID:** 10100541-002  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (8)  
**Collection Date:** 10/12/2010 2:20:00 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		12.7	%	1	10/14/2010 1:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.3	%	1	10/14/2010 1:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		6.29	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
Barium	NELAP	0.47		32.9	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
Chromium	NELAP	0.94		18.5	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
Lead	NELAP	3.77		12.7	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
Selenium	NELAP	3.77		< 3.77	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.095		3.25	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Acenaphthylene	NELAP	0.095		2.77	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Anthracene	NELAP	0.095		5.49	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Benzo(a)anthracene	NELAP	0.095		3.73	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Benzo(a)pyrene	NELAP	0.095		3.91	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.095		2.75	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.095		1.82	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.095		0.833	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	1.88		ND	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Chrysene	NELAP	0.095		3.74	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.095		0.426	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Fluoranthene	NELAP	0.095		7.05	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Fluorene	NELAP	0.095		6.67	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.095		1.32	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Naphthalene	NELAP	0.095		31.7	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Phenanthrene	NELAP	0.095		17.9	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Pyrene	NELAP	0.095		11.0	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		68.2	%REC	25	10/15/2010 4:27:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		67.8	%REC	25	10/15/2010 4:27:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		72.5	%REC	25	10/15/2010 4:27:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
1,2-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
1,3-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
1,4-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-002  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (8)  
**Collection Date:** 10/12/2010 2:20:00 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>								
2,4,6-Trichlorophenol	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2,4-Dichlorophenol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2,4-Dimethylphenol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2,4-Dinitrophenol	NELAP	11.2		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2,4-Dinitrotoluene	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2,6-Dinitrotoluene	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2-Chloronaphthalene	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2-Chlorophenol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2-Methoxy-4-methylphenol		7.30		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2-Methylnaphthalene	NELAP	3.93		14.0	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2-Nitroaniline	NELAP	11.2		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2-Nitrophenol	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
3-Nitroaniline	NELAP	11.2		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	11.2		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4-Chloroaniline	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4-Nitroaniline	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4-Nitrophenol	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Aniline	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Azobenzene		3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Benzidine	NELAP	11.9		see note	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Benzoic acid	NELAP	16.8		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Benzyl alcohol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Butyl benzyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Carbazole		5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Dibenzofuran	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Diethyl phthalate	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Dimethyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Di-n-butyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Di-n-octyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Hexachlorobenzene	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Hexachlorobutadiene	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-002  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (8)  
**Collection Date:** 10/12/2010 2:20:00 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>								
Hexachlorocyclopentadiene	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Hexachloroethane	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Isophorone	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
m,p-Cresol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Nitrobenzene	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
N-Nitrosodimethylamine	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
o-Cresol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Pentachlorophenol	NELAP	22.5		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Phenol	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Pyridine	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
1,2-Diphenylhydrazine		9.43		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		66.3	%REC	10	10/15/2010 11:39:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		69.7	%REC	10	10/15/2010 11:39:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		59.7	%REC	10	10/15/2010 11:39:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		68.6	%REC	10	10/15/2010 11:39:00 AM	DMH
Surr: Phenol-d5		34.9-110		67.5	%REC	10	10/15/2010 11:39:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		71.7	%REC	10	10/15/2010 11:39:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1,1-Trichloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1,2-Trichloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1-Dichloro-2-propanone		6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1-Dichloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1-Dichloroethene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1-Dichloropropene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2,3-Trichloropropane	NELAP	1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2,3-Trimethylbenzene		616		2840	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	616		1150	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2-Dibromoethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2-Dichlorobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2-Dichloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-002  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (8)  
**Collection Date:** 10/12/2010 2:20:00 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-Dichloropropane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	616	J	400	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,3-Dichlorobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,3-Dichloropropane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,4-Dichlorobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1-Chlorobutane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
2,2-Dichloropropane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
2-Butanone	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
2-Chlorotoluene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
2-Hexanone	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
2-Nitropropane	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
4-Chlorotoluene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
4-Methyl-2-pentanone	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Acetone	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Acrolein	NELAP	12300		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Acrylonitrile	NELAP	1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Allyl chloride	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Benzene	NELAP	123		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Bromobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Bromochloromethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Bromodichloromethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Bromoform	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Bromomethane	NELAP	1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Carbon disulfide	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Carbon tetrachloride	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Chlorobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Chloroethane	NELAP	1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Chloroform	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Chloromethane	NELAP	1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	492		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Cyclohexanone		12300		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Dibromochloromethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Dibromomethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Dichlorodifluoromethane	NELAP	1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Ethyl acetate	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Ethyl ether	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Ethyl methacrylate	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-002  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (8)  
**Collection Date:** 10/12/2010 2:20:00 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>								
Ethylbenzene	NELAP	616		<b>1500</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Heptane		2460		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Hexachlorobutadiene	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Hexachloroethane	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Iodomethane	NELAP	1230		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Isopropylbenzene	NELAP	616	J	<b>400</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
m,p-Xylenes	NELAP	616	J	<b>160</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Methacrylonitrile	NELAP	6160		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Methyl Methacrylate	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Methyl tert-butyl ether	NELAP	246		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Methylacrylate		1230		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Methylene chloride	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Naphthalene	NELAP	24600		<b>139000</b>	µg/Kg-dry	1000	10/15/2010 1:35:00 PM	RWE
n-Butylbenzene	NELAP	616	J	<b>450</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
n-Hexane		2460		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Nitrobenzene	NELAP	12300		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
n-Propylbenzene	NELAP	616	J	<b>480</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
o-Xylene	NELAP	616		<b>1540</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Pentachloroethane	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
p-Isopropyltoluene	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Propionitrile	NELAP	6160		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
sec-Butylbenzene	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Styrene	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
tert-Butylbenzene	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Tetrachloroethene	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Tetrahydrofuran	NELAP	6160		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Toluene	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	492		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Trichloroethene	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Trichlorofluoromethane	NELAP	616		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Vinyl acetate	NELAP	6160		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Vinyl chloride	NELAP	246		<b>ND</b>	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>104.5</b>	%REC	50	10/14/2010 1:19:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		<b>100.6</b>	%REC	50	10/14/2010 1:19:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		<b>101.1</b>	%REC	50	10/14/2010 1:19:00 PM	RWE
Surr: Toluene-d8		86-116		<b>100.4</b>	%REC	50	10/14/2010 1:19:00 PM	RWE

**SW-846 7471A**

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-002  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (8)  
**Collection Date:** 10/12/2010 2:20:00 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	10/15/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.567		<b>&lt; 0.567</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.57	J	<b>0.25</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS

### Sample Narrative

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

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

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

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:** 10100541  
**Lab ID:** 10100541-003  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (20)  
**Collection Date:** 10/12/2010 2:33:00 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		12.1	%	1	10/14/2010 1:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.9	%	1	10/14/2010 1:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.27		4.02	mg/Kg-dry	1	10/15/2010 9:34:34 PM	JMW
Barium	NELAP	0.45		18.0	mg/Kg-dry	1	10/15/2010 9:34:34 PM	JMW
Cadmium	NELAP	0.18		< 0.18	mg/Kg-dry	1	10/15/2010 9:34:34 PM	JMW
Chromium	NELAP	0.91		12.0	mg/Kg-dry	1	10/15/2010 9:34:34 PM	JMW
Lead	NELAP	3.64		8.82	mg/Kg-dry	1	10/15/2010 9:34:34 PM	JMW
Selenium	NELAP	3.64		< 3.64	mg/Kg-dry	1	10/18/2010 10:51:13 AM	JMW
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	10/15/2010 9:34:34 PM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.071	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Acenaphthylene	NELAP	0.004		0.038	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Anthracene	NELAP	0.004		0.058	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		0.045	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		0.052	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		0.044	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		0.042	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		0.012	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Chrysene	NELAP	0.004		0.036	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		0.009	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Fluoranthene	NELAP	0.004		0.081	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Fluorene	NELAP	0.004		0.055	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.028	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Naphthalene	NELAP	0.004		0.206	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Phenanthrene	NELAP	0.004		0.181	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Pyrene	NELAP	0.004		0.125	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		72.1	%REC	1	10/15/2010 5:03:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		84.6	%REC	1	10/15/2010 5:03:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		83.0	%REC	1	10/15/2010 5:03:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-003  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (20)  
**Collection Date:** 10/12/2010 2:33:00 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>								
2,4,6-Trichlorophenol	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2-Chloronaphthalene	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2-Chlorophenol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2-Methoxy-4-methylphenol		0.730		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2-Methylnaphthalene	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2-Nitrophenol	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4-Chloroaniline	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4-Nitroaniline	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4-Nitrophenol	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Aniline	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Azobenzene		0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Benzidine	NELAP	1.19		see note	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Benzoic acid	NELAP	1.69		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Benzyl alcohol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Carbazole		0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Dibenzofuran	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Diethyl phthalate	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Dimethyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Hexachlorobenzene	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Hexachlorobutadiene	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-003  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (20)  
**Collection Date:** 10/12/2010 2:33:00 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>								
Hexachlorocyclopentadiene	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Hexachloroethane	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Isophorone	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
m,p-Cresol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Nitrobenzene	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
o-Cresol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Pentachlorophenol	NELAP	2.25		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Phenol	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Pyridine	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
1,2-Diphenylhydrazine		0.944		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		76.2	%REC	1	10/15/2010 12:11:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		79.5	%REC	1	10/15/2010 12:11:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		74.7	%REC	1	10/15/2010 12:11:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		82.1	%REC	1	10/15/2010 12:11:00 PM	DMH
Surr: Phenol-d5		34.9-110		78.2	%REC	1	10/15/2010 12:11:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		84.6	%REC	1	10/15/2010 12:11:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1,1-Trichloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1,2-Trichloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1-Dichloro-2-propanone		465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1-Dichloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1-Dichloroethene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1-Dichloropropene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2,3-Trichloropropane	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2,3-Trimethylbenzene		46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2-Dibromoethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2-Dichlorobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2-Dichloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-003  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (20)  
**Collection Date:** 10/12/2010 2:33:00 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-Dichloropropane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,3-Dichlorobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,3-Dichloropropane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,4-Dichlorobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1-Chlorobutane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
2,2-Dichloropropane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
2-Butanone	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
2-Chlorotoluene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
2-Hexanone	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
2-Nitropropane	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
4-Chlorotoluene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
4-Methyl-2-pentanone	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Acetone	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Acrolein	NELAP	930		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Acrylonitrile	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Allyl chloride	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Benzene	NELAP	9.3		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Bromobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Bromochloromethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Bromodichloromethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Bromoform	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Bromomethane	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Carbon disulfide	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Carbon tetrachloride	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Chlorobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Chloroethane	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Chloroform	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Chloromethane	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	37.2		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Cyclohexanone		930		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Dibromochloromethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Dibromomethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Dichlorodifluoromethane	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Ethyl acetate	NELAP	465	J	180	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Ethyl ether	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Ethyl methacrylate	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
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Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Heptane		186		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Hexachlorobutadiene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Hexachloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Iodomethane	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Isopropylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
m,p-Xylenes	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Methacrylonitrile	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Methyl Methacrylate	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Methyl tert-butyl ether	NELAP	18.6		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Methylacrylate		93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Methylene chloride	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Naphthalene	NELAP	93.0		116	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
n-Butylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
n-Hexane		186		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Nitrobenzene	NELAP	930		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
n-Propylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
o-Xylene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Pentachloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
p-Isopropyltoluene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Propionitrile	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
sec-Butylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Styrene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
tert-Butylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Tetrachloroethene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Tetrahydrofuran	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Toluene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	37.2		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Trichloroethene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Trichlorofluoromethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Vinyl acetate	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Vinyl chloride	NELAP	18.6		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.4	%REC	12.5	10/14/2010 1:48:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		101.8	%REC	12.5	10/14/2010 1:48:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.5	%REC	12.5	10/14/2010 1:48:00 PM	RWE
Surr: Toluene-d8		86-116		109.7	%REC	12.5	10/14/2010 1:48:00 PM	RWE

**SW-846 7471A**

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100541

**Client Sample ID:** P6-A4.5-W (20)

**Lab ID:** 10100541-003

**Collection Date:** 10/12/2010 2:33:00 PM

**Report Date:** 27-Oct-10

**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	10/15/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.569		<b>&lt; 0.569</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.57		<b>&lt; 0.57</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS

### Sample Narrative

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

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

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:** 10100541  
**Lab ID:** 10100541-004  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (3)  
**Collection Date:** 10/12/2010 2:55:00 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	10/14/2010 1:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		76.0	%	1	10/14/2010 1:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.27		15.1	mg/Kg-dry	1	10/15/2010 9:40:11 PM	JMW
Barium	NELAP	0.45		179	mg/Kg-dry	1	10/15/2010 9:40:11 PM	JMW
Cadmium	NELAP	0.18		0.88	mg/Kg-dry	1	10/15/2010 9:40:11 PM	JMW
Chromium	NELAP	0.91		16.6	mg/Kg-dry	1	10/15/2010 9:40:11 PM	JMW
Lead	NELAP	3.64		19.6	mg/Kg-dry	1	10/15/2010 9:40:11 PM	JMW
Selenium	NELAP	3.64		< 3.64	mg/Kg-dry	1	10/18/2010 10:56:49 AM	JMW
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	10/15/2010 9:40:11 PM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.111		0.726	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Acenaphthylene	NELAP	0.111		0.303	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Anthracene	NELAP	0.111		0.417	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Benzo(a)anthracene	NELAP	0.111		0.273	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Benzo(a)pyrene	NELAP	0.111		0.363	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.111		0.288	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.111		0.296	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.111		ND	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	2.19		ND	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Chrysene	NELAP	0.111		0.179	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.111		ND	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Fluoranthene	NELAP	0.111		0.436	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Fluorene	NELAP	0.111		0.513	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.111		0.201	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Naphthalene	NELAP	0.111		0.208	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Phenanthrene	NELAP	0.111		1.60	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Pyrene	NELAP	0.111		0.731	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		77.6	%REC	25	10/15/2010 5:40:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		79.2	%REC	25	10/15/2010 5:40:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		89.4	%REC	25	10/15/2010 5:40:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
1,2-Dichlorobenzene	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
1,3-Dichlorobenzene	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
1,4-Dichlorobenzene	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-004  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (3)  
**Collection Date:** 10/12/2010 2:55:00 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>								
2,4,6-Trichlorophenol	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2,4-Dichlorophenol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2,4-Dimethylphenol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2,4-Dinitrophenol	NELAP	6.55		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2,4-Dinitrotoluene	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2,6-Dinitrotoluene	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2-Chloronaphthalene	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2-Chlorophenol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2-Methoxy-4-methylphenol		4.26		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2-Methylnaphthalene	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2-Nitroaniline	NELAP	6.55		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2-Nitrophenol	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
3-Nitroaniline	NELAP	6.55		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	6.55		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4-Chloroaniline	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4-Nitroaniline	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4-Nitrophenol	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Aniline	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Azobenzene		2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Benzidine	NELAP	6.91		see note	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Benzoic acid	NELAP	9.82		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Benzyl alcohol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Butyl benzyl phthalate	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Carbazole		3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Dibenzofuran	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Diethyl phthalate	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Dimethyl phthalate	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Di-n-butyl phthalate	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Di-n-octyl phthalate	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Hexachlorobenzene	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Hexachlorobutadiene	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-004  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (3)  
**Collection Date:** 10/12/2010 2:55:00 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>								
Hexachlorocyclopentadiene	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Hexachloroethane	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Isophorone	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
m,p-Cresol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Nitrobenzene	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
N-Nitrosodimethylamine	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
o-Cresol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Pentachlorophenol	NELAP	13.1		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Phenol	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Pyridine	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
1,2-Diphenylhydrazine		5.50		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		69.6	%REC	5	10/15/2010 1:48:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		64.4	%REC	5	10/15/2010 1:48:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		62.2	%REC	5	10/15/2010 1:48:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		73.1	%REC	5	10/15/2010 1:48:00 PM	DMH
Surr: Phenol-d5		34.9-110		67.9	%REC	5	10/15/2010 1:48:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		77.2	%REC	5	10/15/2010 1:48:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1-Dichloro-2-propanone		51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1-Dichloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1-Dichloroethene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1-Dichloropropene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2,3-Trimethylbenzene		5.2		109	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.2		29.5	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2-Dibromoethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2-Dichloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-004  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (3)  
**Collection Date:** 10/12/2010 2:55:00 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-Dichloropropane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.2		30.9	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,3-Dichloropropane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1-Chlorobutane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
2,2-Dichloropropane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
2-Butanone	NELAP	51.5	J	13	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
2-Chlorotoluene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
2-Hexanone	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
2-Nitropropane	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
4-Chlorotoluene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
4-Methyl-2-pentanone	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Acetone	NELAP	51.5		98.0	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Acrolein	NELAP	103		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Acrylonitrile	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Allyl chloride	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Benzene	NELAP	1.0		5.2	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Bromobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Bromochloromethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Bromodichloromethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Bromoform	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Bromomethane	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Carbon disulfide	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Carbon tetrachloride	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Chlorobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Chloroethane	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Chloroform	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Chloromethane	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Cyclohexanone		103		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Dibromochloromethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Dibromomethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Dichlorodifluoromethane	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Ethyl acetate	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Ethyl ether	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Ethyl methacrylate	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-004  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (3)  
**Collection Date:** 10/12/2010 2:55:00 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>								
Ethylbenzene	NELAP	5.2		65.2	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Heptane		20.6		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Hexachlorobutadiene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Hexachloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Iodomethane	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Isopropylbenzene	NELAP	5.2		26.1	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
m,p-Xylenes	NELAP	5.2		7.2	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Methacrylonitrile	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Methyl Methacrylate	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.1		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Methylacrylate		10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Methylene chloride	NELAP	5.2	J	1.9	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Naphthalene	NELAP	10.3		115	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
n-Butylbenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
n-Hexane		20.6		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Nitrobenzene	NELAP	103		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
n-Propylbenzene	NELAP	5.2		12.0	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
o-Xylene	NELAP	5.2		44.9	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Pentachloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
p-Isopropyltoluene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Propionitrile	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
sec-Butylbenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Styrene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
tert-Butylbenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Tetrachloroethene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Tetrahydrofuran	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Toluene	NELAP	5.2		5.4	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Trichloroethene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Trichlorofluoromethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Vinyl acetate	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Vinyl chloride	NELAP	2.1		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.9	%REC	1	10/18/2010 1:05:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		96.5	%REC	1	10/18/2010 1:05:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		104.9	%REC	1	10/18/2010 1:05:00 PM	RWE
Surr: Toluene-d8		86-116		105.6	%REC	1	10/18/2010 1:05:00 PM	RWE

**SW-846 7471A**

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-004  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (3)  
**Collection Date:** 10/12/2010 2:55:00 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>0.022</b>	mg/Kg-dry	1	10/15/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.658	J	<b>0.36</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.66	J	<b>0.39</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS

### Sample Narrative

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

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

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

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

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100541

**Client Sample ID:** P6-A5.5-W (8)

**Lab ID:** 10100541-005

**Collection Date:** 10/12/2010 3:05:00 PM

**Report Date:** 27-Oct-10

**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		17.3	%	1	10/14/2010 1:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		82.7	%	1	10/14/2010 1:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.27		5.09	mg/Kg-dry	1	10/15/2010 9:46:12 PM	JMW
Barium	NELAP	0.45		61.6	mg/Kg-dry	1	10/15/2010 9:46:12 PM	JMW
Cadmium	NELAP	0.18		< 0.18	mg/Kg-dry	1	10/15/2010 9:46:12 PM	JMW
Chromium	NELAP	0.91		12.4	mg/Kg-dry	1	10/15/2010 9:46:12 PM	JMW
Lead	NELAP	3.64		10.5	mg/Kg-dry	1	10/15/2010 9:46:12 PM	JMW
Selenium	NELAP	3.64		< 3.64	mg/Kg-dry	1	10/18/2010 11:13:20 AM	JMW
Silver	NELAP	0.50		0.62	mg/Kg-dry	1	10/15/2010 9:46:12 PM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004	S	0.375	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Acenaphthylene	NELAP	0.004	S	0.358	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Anthracene	NELAP	0.004	S	0.297	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004		0.144	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		0.161	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.124	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.081	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.039	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.080	S	ND	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Chrysene	NELAP	0.004		0.149	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		0.020	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Fluoranthene	NELAP	0.004	S	0.332	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Fluorene	NELAP	0.004	S	0.348	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.062	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Naphthalene	NELAP	0.041	S	3.78	mg/Kg-dry	10	10/17/2010 2:04:00 PM	DMH
Phenanthrene	NELAP	0.004	S	1.02	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Pyrene	NELAP	0.004	S	0.489	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		72.5	%REC	1	10/14/2010 6:13:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		82.3	%REC	1	10/14/2010 6:13:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		81.5	%REC	1	10/14/2010 6:13:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-005  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (8)  
**Collection Date:** 10/12/2010 3:05:00 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>								
2,4,6-Trichlorophenol	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.20		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2-Chloronaphthalene	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2-Chlorophenol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2-Methoxy-4-methylphenol		0.780		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2-Methylnaphthalene	NELAP	0.420	J	0.31	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2-Nitroaniline	NELAP	1.20		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2-Nitrophenol	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
3-Nitroaniline	NELAP	1.20		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.20		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4-Chloroaniline	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4-Nitroaniline	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4-Nitrophenol	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Aniline	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Azobenzene		0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Benzidine	NELAP	1.27		see note	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Benzoic acid	NELAP	1.80		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Benzyl alcohol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Carbazole		0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Dibenzofuran	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Diethyl phthalate	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Dimethyl phthalate	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Hexachlorobenzene	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Hexachlorobutadiene	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-005  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (8)  
**Collection Date:** 10/12/2010 3:05:00 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>								
Hexachlorocyclopentadiene	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Hexachloroethane	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Isophorone	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
m,p-Cresol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Nitrobenzene	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
o-Cresol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Pentachlorophenol	NELAP	2.40		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Phenol	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Pyridine	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
1,2-Diphenylhydrazine		1.01		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		83.2	%REC	1	10/15/2010 2:20:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		71.2	%REC	1	10/15/2010 2:20:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		71.1	%REC	1	10/15/2010 2:20:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		73.6	%REC	1	10/15/2010 2:20:00 PM	DMH
Surr: Phenol-d5		34.9-110		75.0	%REC	1	10/15/2010 2:20:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		79.8	%REC	1	10/15/2010 2:20:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1,1-Trichloroethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1,2-Trichloroethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1-Dichloro-2-propanone		513		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1-Dichloroethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1-Dichloroethene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1-Dichloropropene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2,3-Trichloropropane	NELAP	103		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2,3-Trimethylbenzene		51.3		900	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	51.3		729	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2-Dibromoethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2-Dichlorobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2-Dichloroethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-005  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (8)  
**Collection Date:** 10/12/2010 3:05:00 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-Dichloropropane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,3-Dichlorobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,3-Dichloropropane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,4-Dichlorobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1-Chlorobutane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
2,2-Dichloropropane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
2-Butanone	NELAP	513		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
2-Chlorotoluene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
2-Hexanone	NELAP	513		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
2-Nitropropane	NELAP	513		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
4-Chlorotoluene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
4-Methyl-2-pentanone	NELAP	513		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Acetone	NELAP	513		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Acrolein	NELAP	1030		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Acrylonitrile	NELAP	103		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Allyl chloride	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Benzene	NELAP	10.3		27.5	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Bromobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Bromochloromethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Bromodichloromethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Bromoform	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Bromomethane	NELAP	103		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Carbon disulfide	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Carbon tetrachloride	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Chlorobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Chloroethane	NELAP	103		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Chloroform	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Chloromethane	NELAP	103		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	41.0		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Cyclohexanone		1030		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Dibromochloromethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Dibromomethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Dichlorodifluoromethane	NELAP	103		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Ethyl acetate	NELAP	513	J	190	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Ethyl ether	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Ethyl methacrylate	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100541

**Client Sample ID:** P6-A5.5-W (8)

**Lab ID:** 10100541-005

**Collection Date:** 10/12/2010 3:05:00 PM

**Report Date:** 27-Oct-10

**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>								
Ethylbenzene	NELAP	51.3		<b>499</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Heptane		205		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Hexachlorobutadiene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Hexachloroethane	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Iodomethane	NELAP	103		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Isopropylbenzene	NELAP	51.3		<b>79.1</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
m,p-Xylenes	NELAP	51.3		<b>246</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Methacrylonitrile	NELAP	513		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Methyl Methacrylate	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Methyl tert-butyl ether	NELAP	20.5		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Methylacrylate		103		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Methylene chloride	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Naphthalene	NELAP	4100		<b>65100</b>	µg/Kg-dry	250	10/15/2010 3:01:00 PM	RWE
n-Butylbenzene	NELAP	51.3		<b>149</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
n-Hexane		205		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Nitrobenzene	NELAP	1030		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
n-Propylbenzene	NELAP	51.3		<b>258</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
o-Xylene	NELAP	51.3		<b>777</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Pentachloroethane	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
p-Isopropyltoluene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Propionitrile	NELAP	513		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
sec-Butylbenzene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Styrene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
tert-Butylbenzene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Tetrachloroethene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Tetrahydrofuran	NELAP	513		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Toluene	NELAP	51.3	J	<b>32</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	41.0		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Trichloroethene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Trichlorofluoromethane	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Vinyl acetate	NELAP	513		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Vinyl chloride	NELAP	20.5		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>101.4</b>	%REC	12.5	10/14/2010 2:45:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		<b>97.7</b>	%REC	12.5	10/14/2010 2:45:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		<b>97.0</b>	%REC	12.5	10/14/2010 2:45:00 PM	RWE
Surr: Toluene-d8		86-116		<b>103.4</b>	%REC	12.5	10/14/2010 2:45:00 PM	RWE

**SW-846 7471A**

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-005  
**Report Date:** 27-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (8)  
**Collection Date:** 10/12/2010 3:05:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012	J	<b>0.007</b>	mg/Kg-dry	1	10/15/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.605		<b>&lt; 0.605</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.60		<b>&lt; 0.60</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS

### Sample Narrative

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

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

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

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:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100541

**Report Date:** 27-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100541-001A	P6-A4.5-W (3)	10/12/2010	Solid	SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD	10/18/2010 12:52:37 PM	10/18/2010 11:02:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	10/14/2010 5:44:37 PM	10/15/2010 12:18:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	10/18/2010 12:52:37 PM	10/19/2010 10:47:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/14/2010 12:36:57 PM	10/15/2010 3:50:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/14/2010 9:46:26 AM	10/15/2010 11:07:00 AM
10100541-001B				EPA SW846 3550C, 5035A, ASTM D2974		10/14/2010 1:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/14/2010 1:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	10/14/2010 2:48:24 PM	10/15/2010 1:02:03 PM
				SW-846 7471A	10/15/2010 9:30:00 AM	10/15/2010
				SW-846 9012A		10/15/2010 8:02:00 AM
10100541-001E				SW-846 9012A (Total)		10/15/2010 8:02:00 AM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/14/2010 12:50:00 PM
10100541-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/15/2010 1:06:00 PM
				SW-846 8151A, Chlorinated Herbicides by GC/ECD		10/23/2010 11:36:00 AM
10100541-002A	P6-A4.5-W (8)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/14/2010 12:36:57 PM	10/15/2010 4:27:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/14/2010 9:46:27 AM	10/15/2010 11:39:00 AM
10100541-002B				EPA SW846 3550C, 5035A, ASTM D2974		10/14/2010 1:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/14/2010 1:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	10/14/2010 2:48:24 PM	10/15/2010 1:09:30 PM
				SW-846 7471A	10/15/2010 9:30:00 AM	10/15/2010
				SW-846 9012A		10/15/2010 8:02:00 AM
				SW-846 9012A (Total)		10/15/2010 8:02:00 AM

ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100541

**Report Date:** 27-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100541-002E	P6-A4.5-W (8)	10/12/2010	Solid	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/14/2010 1:19:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/15/2010 1:35:00 PM
10100541-003A	P6-A4.5-W (20)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/14/2010 12:36:57 PM	10/15/2010 5:03:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/14/2010 9:46:27 AM	10/15/2010 12:11:00 PM
10100541-003B				EPA SW846 3550C, 5035A, ASTM D2974		10/14/2010 1:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/14/2010 1:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	10/14/2010 2:48:24 PM	10/15/2010 9:34:34 PM
				SW-846 3050B, 6010B, Metals by ICP	10/14/2010 2:48:24 PM	10/18/2010 10:51:13 AM
				SW-846 7471A	10/15/2010 9:30:00 AM	10/15/2010
				SW-846 9012A		10/15/2010 8:02:00 AM
10100541-003E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/14/2010 1:48:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/15/2010 2:04:00 PM
10100541-004A	P6-A5.5-W (3)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/14/2010 12:36:57 PM	10/15/2010 5:40:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/14/2010 9:46:27 AM	10/15/2010 1:48:00 PM
10100541-004B				EPA SW846 3550C, 5035A, ASTM D2974		10/14/2010 1:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/14/2010 1:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	10/14/2010 2:48:24 PM	10/15/2010 9:40:11 PM
				SW-846 3050B, 6010B, Metals by ICP	10/14/2010 2:48:24 PM	10/18/2010 10:56:49 AM
				SW-846 7471A	10/15/2010 9:30:00 AM	10/15/2010
				SW-846 9012A		10/15/2010 8:02:00 AM
				SW-846 9012A (Total)		10/15/2010 8:02:00 AM

ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100541

**Report Date:** 27-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100541-004E	P6-A5.5-W (3)	10/12/2010	Solid	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/14/2010 2:16:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/15/2010 2:33:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/18/2010 1:05:00 PM
10100541-005A	P6-A5.5-W (8)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/14/2010 12:36:57 PM	10/14/2010 6:13:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/14/2010 12:36:57 PM	10/15/2010 6:16:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/14/2010 12:36:57 PM	10/17/2010 2:04:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/14/2010 9:46:27 AM	10/15/2010 2:20:00 PM
10100541-005B				EPA SW846 3550C, 5035A, ASTM D2974		10/14/2010 1:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/14/2010 1:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	10/14/2010 2:48:24 PM	10/15/2010 9:46:12 PM
				SW-846 3050B, 6010B, Metals by ICP	10/14/2010 2:48:24 PM	10/18/2010 11:13:20 AM
				SW-846 7471A	10/15/2010 9:30:00 AM	10/15/2010
				SW-846 9012A		10/15/2010 8:02:00 AM
10100541-005E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/14/2010 2:45:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/15/2010 3:01:00 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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>10100541-005BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>141353</b>				
Client ID: <b>P6-A5.5-W (8)MS</b>	Batch ID: <b>R141353</b>	Analysis Date: <b>10/15/2010</b>				SeqNo: <b>2762043</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	1.76	0.60	1.512	0	116.5	75	125				
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Sample ID: <b>10100541-005BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>141353</b>				
Client ID: <b>P6-A5.5-W (8)MSD</b>	Batch ID: <b>R141353</b>	Analysis Date: <b>10/15/2010</b>				SeqNo: <b>2762044</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	1.80	0.60	1.512	0	118.9	75	125	1.762	2.00	15	
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Sample ID: <b>MB-R141353</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141353</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141353</b>	Analysis Date: <b>10/15/2010</b>				SeqNo: <b>2773413</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-R141353</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141353</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141353</b>	Analysis Date: <b>10/15/2010</b>				SeqNo: <b>2773414</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.03	0.01	0.02500	0	107.5	85	115				
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: I\_TS\_M\_MT

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-R141326</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>141326</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141326</b>		Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2760842</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>141326</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141326</b>		Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2760843</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	98.0	90	110				

Sample ID: <b>10100541-002BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>141326</b>							
Client ID: <b>P6-A4.5-W (8)DUP</b>	Batch ID: <b>R141326</b>		Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2760848</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	87.5	0.1						87.34	0.194	15	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_HG\_SOLID

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MB-63740</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141368</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63740</b>	<b>SOP 3063</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2761934</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-63740</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141368</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63740</b>	<b>SOP 3063</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2761935</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	109.8	85	115				

Sample ID: <b>10100541-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141368</b>							
Client ID: <b>P6-A4.5-W (20)MS</b>	Batch ID: <b>63740</b>	<b>SOP 3063</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2761963</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.344	0.011	0.2740	0.009316	122.0	75	125				

Sample ID: <b>10100541-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141368</b>							
Client ID: <b>P6-A4.5-W (20)MSD</b>	Batch ID: <b>63740</b>	<b>SOP 3063</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2761964</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.312	0.011	0.2740	0.009316	110.6	75	125	0.3436	9.52	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MB-63708</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/14/2010</b>	RunNo: <b>141359</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63708</b>	<b>SOP 3032</b>				Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2761737</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	0.5500	0	0	-100	100				

Sample ID: <b>LCS-63708</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/14/2010</b>	RunNo: <b>141359</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63708</b>	<b>SOP 3032</b>				Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2761738</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	216	2.50	200.0	0	107.8	85	115				
Barium	208	0.50	200.0	0	104.2	85	115				
Cadmium	5.39	0.20	5.000	0	107.8	85	115				
Chromium	22.8	1.00	20.00	0	113.8	85	115				
Lead	53.5	4.00	50.00	0	107.0	85	115				
Selenium	212	4.00	200.0	0	105.9	85	115				

Sample ID: <b>LCS-63708</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/14/2010</b>	RunNo: <b>141401</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63708</b>	<b>SOP 3032</b>				Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762531</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Silver	5.29	0.55	5.000	0	105.8	85	115				
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Sample ID: <b>10100541-005BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/14/2010</b>	RunNo: <b>141401</b>				
Client ID: <b>P6-A5.5-W (8)MS</b>	Batch ID: <b>63708</b>	<b>SOP 3032</b>				Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762561</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	178	2.27	181.8	5.091	94.8	75	125				
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>10100541-005BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141401</b>							
Client ID: <b>P6-A5.5-W (8)MS</b>	Batch ID: <b>63708</b>	<b>SOP 3032</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762561</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	210	0.45	181.8	61.56	81.5	75	125				
Cadmium	3.72	0.18	4.545	0	81.8	75	125				
Chromium	31.8	0.91	18.18	12.43	106.3	75	125				
Lead	48.2	3.64	45.45	10.53	82.9	75	125				
Silver	5.27	0.50	4.545	0.6182	102.4	75	125				

Sample ID: <b>10100541-005BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141401</b>							
Client ID: <b>P6-A5.5-W (8)MSD</b>	Batch ID: <b>63708</b>	<b>SOP 3032</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762564</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	170	2.27	181.8	5.091	90.8	75	125	177.5	4.24	20	
Barium	201	0.45	181.8	61.56	76.8	75	125	209.8	4.20	20	
Cadmium	3.57	0.18	4.545	0	78.6	75	125	3.718	3.99	20	
Chromium	29.8	0.91	18.18	12.43	95.8	75	125	31.75	6.20	20	
Lead	45.3	3.64	45.45	10.53	76.5	75	125	48.20	6.16	20	
Silver	5.19	0.50	4.545	0.6182	100.6	75	125	5.273	1.56	20	

Sample ID: <b>10100541-005BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141409</b>							
Client ID: <b>P6-A5.5-W (8)MS</b>	Batch ID: <b>63708</b>	<b>SOP 3032</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763071</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	185	3.64	181.8	0	101.5	75	125				

Sample ID: <b>10100541-005BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141409</b>							
Client ID: <b>P6-A5.5-W (8)MSD</b>	Batch ID: <b>63708</b>	<b>SOP 3032</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763072</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	186	3.64	181.8	0	102.0	75	125	184.5	0.540	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SC\_8151S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MB-R141753</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg-dry</b>		Prep Date:		RunNo: <b>141753</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>R141753</b>				Analysis Date: <b>10/23/2010</b>		SeqNo: <b>2772884</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	ND	0.05									
2,4,5-TP (Silvex)	ND	0.05									
2,4-D	ND	0.05									
2,4-DB	ND	0.05									
3,5-Dichlorobenzoic Acid	ND	0.05									
Acifluorfen	ND	0.05									
Bentazon	ND	0.05									
Chloramben	ND	0.05									
Dalapon	ND	0.05									
DCPA	ND	0.05									
Dicamba	ND	0.05									
Dichlorprop	ND	0.05									
Dinoseb	ND	0.05									
Pentachlorophenol	ND	0.05									
Picloram	ND	0.05									
Surr: DCAA	0.04		0.07600		51.7	50	136				

Sample ID: <b>LCS-R141753</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg-dry</b>		Prep Date:		RunNo: <b>141753</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>R141753</b>				Analysis Date: <b>10/23/2010</b>		SeqNo: <b>2772885</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	0.014	0.050	0.02667	0	52.5	50	148				J
2,4,5-TP (Silvex)	0.023	0.050	0.02667	0	86.2	50	150				J
2,4-D	0.038	0.050	0.05333	0	71.3	50	150				J
2,4-DB	0.162	0.050	0.2133	0	75.9	50	150				J
3,5-Dichlorobenzoic Acid	0.021	0.050	0.02667	0	78.7	50	139				J
Acifluorfen	0.016	0.050	0.02667	0	60.0	50	150				J
Bentazon	0.056	0.050	0.05333	0	105.0	50	137				J
Chloramben	0.013	0.050	0.02667	0	48.7	16	106				J
Dalapon	0.165	0.050	0.3467	0	47.6	18	103				J
DCPA	0.009	0.050	0.02667	0	33.7	50	150				JS

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SC\_8151S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dicamba	0.017	0.050	0.02667	0	63.7	50	150				J
Dichlorprop	0.045	0.050	0.08000	0	56.2	50	150				J
Dinoseb	0.006	0.050	0.05333	0	11.3	10	69				J
Pentachlorophenol	0.006	0.050	0.02667	0	22.5	50	139				JS
Picloram	0.016	0.050	0.02667	0	60.0	50	150				J
Surr: DCAA	0.041		0.07600		53.9	50	136				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MB-63717</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141450</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63717</b>	<b>SW3550B</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764006</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	1.67									
4,4'-DDE	ND	1.67									
4,4'-DDT	ND	1.67									
Alachlor	ND	1.67									
Aldrin	ND	1.67									
alpha-BHC	ND	1.67									
alpha-Chlordane	ND	1.67									
beta-BHC	ND	1.67									
Chlordane	ND	3.34									
delta-BHC	ND	1.67									
Dieldrin	ND	1.67									
Endosulfan I	ND	1.67									
Endosulfan II	ND	1.67									
Endosulfan sulfate	ND	1.67									
Endrin	ND	1.67									
Endrin aldehyde	ND	1.67									
Endrin ketone	0.83	1.67									J
gamma-BHC	ND	1.67									
gamma-Chlordane	ND	1.67									
Heptachlor	ND	1.67									
Heptachlor epoxide	ND	1.67									
Methoxychlor	ND	1.67									
Toxaphene	ND	30.0									
Surr: Decachlorobiphenyl	9.95		8.330		119.4	73.5	150				
Surr: Tetrachloro-m-xylene	6.34		8.330		76.2	14.4	113				

Sample ID: <b>10100541-001AMS</b>	SampType: <b>MS</b>	Units: <b>µg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141450</b>							
Client ID: <b>P6-A4.5-W (3)MS</b>	Batch ID: <b>63774</b>	<b>SW3550B</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764015</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	22.2	6.41	31.98	0	69.3	36	208				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>10100541-001AMS</b>		SampType: <b>MS</b>		Units: <b>µg/Kg-dry</b>			Prep Date: <b>10/18/2010</b>		RunNo: <b>141450</b>		
Client ID: <b>P6-A4.5-W (3)MS</b>		Batch ID: <b>63774</b>		<b>SW3550B</b>			Analysis Date: <b>10/18/2010</b>		SeqNo: <b>2764015</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDE	26.8	6.41	31.98	0	83.9	26	191				
4,4'-DDT	21.1	6.41	31.98	0	66.0	3	215				
Alachlor	33.9	6.41	31.98	0	106.1	30	170				
Aldrin	20.3	6.41	31.98	0	63.4	46	173				
alpha-BHC	17.9	6.41	31.98	0	56.1	37	179				
alpha-Chlordane	24.2	6.41	31.98	0	75.6	38	187				
beta-BHC	21.3	6.41	31.98	0	66.5	51	185				
delta-BHC	20.6	6.41	31.98	0	64.5	46	166				
Dieldrin	22.4	6.41	31.98	0	69.9	26	216				
Endosulfan I	19.1	6.41	31.98	0	59.7	31	205				
Endosulfan II	19.7	6.41	31.98	0	61.7	42	187				
Endosulfan sulfate	38.4	6.41	31.98	0	120.2	29	230				
Endrin	20.8	6.41	31.98	0	64.9	30	215				
Endrin aldehyde	38.4	6.41	31.98	0	120.2	42	202				
Endrin ketone	27.1	6.41	31.98	0	84.8	19	244				
gamma-BHC	23.4	6.41	31.98	0	73.3	55	166				
gamma-Chlordane	24.7	6.41	31.98	0	77.3	23	186				
Heptachlor	16.8	6.41	31.98	0	52.5	43	172				
Heptachlor epoxide	20.8	6.41	31.98	0	65.1	39	204				
Methoxychlor	38.2	6.41	31.98	0	119.6	3	221				
Surr: Decachlorobiphenyl	47.4		31.98		148.3	48	149				
Surr: Tetrachloro-m-xylene	24.3		31.98		75.9	19	145				

Sample ID: <b>10100541-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>µg/Kg-dry</b>			Prep Date: <b>10/18/2010</b>		RunNo: <b>141450</b>		
Client ID: <b>P6-A4.5-W (3)MSD</b>		Batch ID: <b>63774</b>		<b>SW3550B</b>			Analysis Date: <b>10/18/2010</b>		SeqNo: <b>2764016</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	36.0	6.46	32.20	0	111.7	36	208	22.16	47.5	40	R
4,4'-DDE	38.9	6.46	32.20	0	120.7	26	191	26.84	36.6	40	
4,4'-DDT	22.3	6.46	32.20	0	69.3	3	215	21.11	5.51	40	
Alachlor	36.9	6.46	32.20	0	114.5	30	170	33.94	8.30	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>10100541-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>µg/Kg-dry</b>			Prep Date: <b>10/18/2010</b>			RunNo: <b>141450</b>		
Client ID: <b>P6-A4.5-W (3)MSD</b>		Batch ID: <b>63774</b>		<b>SW3550B</b>			Analysis Date: <b>10/18/2010</b>			SeqNo: <b>2764016</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Aldrin	21.3	6.46	32.20	0	66.1	46	173	20.26	4.93	40		
alpha-BHC	21.2	6.46	32.20	0	65.8	37	179	17.95	16.5	40		
alpha-Chlordane	51.3	6.46	32.20	0	159.2	38	187	24.19	71.8	40	R	
beta-BHC	21.6	6.46	32.20	0	67.1	51	185	21.27	1.59	40		
delta-BHC	24.8	6.46	32.20	0	77.2	46	166	20.63	18.5	40		
Dieldrin	29.7	6.46	32.20	0	92.3	26	216	22.36	28.3	40		
Endosulfan I	24.0	6.46	32.20	0	74.5	31	205	19.07	22.8	40		
Endosulfan II	20.4	6.46	32.20	0	63.5	42	187	19.74	3.49	40		
Endosulfan sulfate	55.5	6.46	32.20	0	172.4	29	230	38.43	36.4	40		
Endrin	23.6	6.46	32.20	0	73.2	30	215	20.76	12.7	40		
Endrin aldehyde	15.0	6.46	32.20	0	46.6	42	202	38.45	87.8	40	R	
Endrin ketone	28.3	6.46	32.20	0	87.9	19	244	27.10	4.37	40		
gamma-BHC	26.3	6.46	32.20	0	81.6	55	166	23.44	11.3	40		
gamma-Chlordane	33.3	6.46	32.20	0	103.4	23	186	24.71	29.6	40		
Heptachlor	18.2	6.46	32.20	0	56.5	43	172	16.79	8.10	40		
Heptachlor epoxide	27.6	6.46	32.20	0	85.7	39	204	20.83	27.9	40		
Methoxychlor	59.2	6.46	32.20	0	183.7	3	221	38.24	43.0	40	R	
Surr: Decachlorobiphenyl	34.0		32.20		105.5	48	149		0	40		
Surr: Tetrachloro-m-xylene	26.9		32.20		83.4	19	145		0	40		

Sample ID: <b>LCSPST-63717</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>			Prep Date: <b>10/14/2010</b>			RunNo: <b>141450</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63717</b>		<b>SW3550B</b>			Analysis Date: <b>10/18/2010</b>			SeqNo: <b>2764020</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
4,4'-DDD	8.80	1.67	8.330	0	105.7	36	208					
4,4'-DDE	7.98	1.67	8.330	0	95.7	26	191					
4,4'-DDT	9.38	1.67	8.330	0	112.6	3	215					
Alachlor	9.97	1.67	8.330	0	119.6	30	170					
Aldrin	6.04	1.67	8.330	0	72.5	46	173					
alpha-BHC	5.10	1.67	8.330	0	61.3	37	179					
alpha-Chlordane	7.45	1.67	8.330	0	89.4	38	187					



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCSPST-63717</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/14/2010</b>		RunNo: <b>141450</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63717</b>		<b>SW3550B</b>		Analysis Date: <b>10/18/2010</b>		SeqNo: <b>2764020</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
beta-BHC	6.82	1.67	8.330	0	81.9	51	185				
delta-BHC	6.44	1.67	8.330	0	77.3	46	166				
Dieldrin	9.16	1.67	8.330	0	110.0	26	216				
Endosulfan I	6.77	1.67	8.330	0	81.3	31	205				
Endosulfan II	7.57	1.67	8.330	0	90.9	42	187				
Endosulfan sulfate	8.45	1.67	8.330	0	101.5	29	230				
Endrin	7.33	1.67	8.330	0	88.0	30	215				
Endrin aldehyde	8.06	1.67	8.330	0	96.8	42	202				
Endrin ketone	9.49	1.67	8.330	0	114.0	19	244				
gamma-BHC	6.27	1.67	8.330	0	75.3	55	166				
gamma-Chlordane	8.31	1.67	8.330	0	99.8	23	186				
Heptachlor	6.21	1.67	8.330	0	74.6	43	172				
Heptachlor epoxide	7.74	1.67	8.330	0	92.9	39	204				
Methoxychlor	9.51	1.67	8.330	0	114.2	3	221				
Surr: Decachlorobiphenyl	10.3		8.330		123.5	50.4	176				
Surr: Tetrachloro-m-xylene	5.93		8.330		71.2	10	107				

Sample ID: <b>MB-63774</b>		SampType: <b>MBLK</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/18/2010</b>		RunNo: <b>141518</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63774</b>		<b>SW3550B</b>		Analysis Date: <b>10/19/2010</b>		SeqNo: <b>2765885</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	1.67									
4,4'-DDE	ND	1.67									
4,4'-DDT	ND	1.67									
Alachlor	ND	1.67									
Aldrin	ND	1.67									
alpha-BHC	ND	1.67									
alpha-Chlordane	ND	1.67									
beta-BHC	ND	1.67									
Chlordane	ND	3.34									
delta-BHC	ND	1.67									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MB-63774</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141518</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63774</b>	<b>SW3550B</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2765885</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	ND	1.67									
Endosulfan I	ND	1.67									
Endosulfan II	ND	1.67									
Endosulfan sulfate	ND	1.67									
Endrin	ND	1.67									
Endrin aldehyde	ND	1.67									
Endrin ketone	ND	1.67									
gamma-BHC	ND	1.67									
gamma-Chlordane	ND	1.67									
Heptachlor	ND	1.67									
Heptachlor epoxide	ND	1.67									
Methoxychlor	ND	1.67									
Toxaphene	ND	30.0									
Surr: Decachlorobiphenyl	12.4		8.330		148.6	73.5	150				
Surr: Tetrachloro-m-xylene	7.19		8.330		86.4	14.4	113				

Sample ID: <b>LCSPST-63774</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141518</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63774</b>	<b>SW3550B</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2765886</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	7.40	1.67	8.330	0	88.8	36	208				
4,4'-DDE	7.38	1.67	8.330	0	88.6	26	191				
4,4'-DDT	8.86	1.67	8.330	0	106.3	3	215				
Alachlor	9.30	1.67	8.330	0	111.7	30	170				
Aldrin	6.43	1.67	8.330	0	77.1	46	173				
alpha-BHC	5.38	1.67	8.330	0	64.5	37	179				
alpha-Chlordane	7.63	1.67	8.330	0	91.6	38	187				
beta-BHC	7.10	1.67	8.330	0	85.2	51	185				
delta-BHC	6.85	1.67	8.330	0	82.3	46	166				
Dieldrin	7.36	1.67	8.330	0	88.3	26	216				
Endosulfan I	7.51	1.67	8.330	0	90.2	31	205				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCSPST-63774</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141518</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63774</b>	<b>SW3550B</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2765886</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endosulfan II	8.07	1.67	8.330	0	96.8	42	187				
Endosulfan sulfate	9.75	1.67	8.330	0	117.0	29	230				
Endrin	7.80	1.67	8.330	0	93.7	30	215				
Endrin aldehyde	8.44	1.67	8.330	0	101.3	42	202				
Endrin ketone	9.32	1.67	8.330	0	111.8	19	244				
gamma-BHC	6.28	1.67	8.330	0	75.4	55	166				
gamma-Chlordane	7.71	1.67	8.330	0	92.5	23	186				
Heptachlor	6.70	1.67	8.330	0	80.5	43	172				
Heptachlor epoxide	7.23	1.67	8.330	0	86.8	39	204				
Methoxychlor	9.52	1.67	8.330	0	114.3	3	221				
Surr: Decachlorobiphenyl	12.9		8.330		155.3	50.4	176				
Surr: Tetrachloro-m-xylene	7.15		8.330		85.8	10	107				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8082S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MB-63717</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141405</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63717</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762748</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	37.5									
Aroclor 1221	ND	37.5									
Aroclor 1232	ND	37.5									
Aroclor 1242	ND	37.5									
Aroclor 1248	ND	37.5									
Aroclor 1254	74.9	37.5									
Aroclor 1260	ND	37.5									
Surr: Decachlorobiphenyl	7.8		8.300		93.8	47.2	128				
Surr: Tetrachloro-meta-xylene	5.2		8.300		62.5	21	98.9				

Sample ID: <b>LCSPCB-63717</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141405</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63717</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762749</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	139	37.5	166.7	0	83.4	54.9	121				
Aroclor 1260	151	37.5	166.7	0	90.5	65.5	133				
Surr: Decachlorobiphenyl	8.4		8.300		101.7	47.2	128				
Surr: Tetrachloro-meta-xylene	5.7		8.300		68.9	21	98.9				

Sample ID: <b>MB-63774</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141475</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63774</b>	<b>SW3550B</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2764689</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	37.5									
Aroclor 1221	ND	37.5									
Aroclor 1232	ND	37.5									
Aroclor 1242	ND	37.5									
Aroclor 1248	ND	37.5									
Aroclor 1254	ND	37.5									
Aroclor 1260	ND	37.5									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8082S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MB-63774</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141475</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63774</b>	<b>SW3550B</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2764689</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	9.6		8.300		115.5	47.2	128				
Surr: Tetrachloro-meta-xylene	5.9		8.300		70.7	21	98.9				

Sample ID: <b>LCSPCB-63774</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141475</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63774</b>	<b>SW3550B</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2764690</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	150	37.5	166.7	0	90.1	54.9	121				
Aroclor 1260	154	37.5	166.7	0	92.5	65.5	133				
Surr: Decachlorobiphenyl	11.3		8.300		136.7	47.2	128				S
Surr: Tetrachloro-meta-xylene	7.3		8.300		88.1	21	98.9				

Sample ID: <b>10100541-001AMSP</b>	SampType: <b>MS</b>	Units: <b>µg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141475</b>							
Client ID: <b>P6-A4.5-W (3)MS</b>	Batch ID: <b>63774</b>	<b>SW3550B</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2764693</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	479	145	642.4	0	74.6	35.8	143				
Aroclor 1260	562	145	642.4	0	87.5	22.3	152				
Surr: Decachlorobiphenyl	40.3		31.99		126.0	5	156				
Surr: Tetrachloro-meta-xylene	29.2		31.99		91.3	7.35	123				

Sample ID: <b>10100541-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>µg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141475</b>							
Client ID: <b>P6-A4.5-W (3)MSD</b>	Batch ID: <b>63774</b>	<b>SW3550B</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2764694</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	466	146	648.2	0	71.9	35.8	143	479.1	2.72	40	
Aroclor 1260	497	146	648.2	0	76.7	22.3	152	562.1	12.3	40	
Surr: Decachlorobiphenyl	33.9		32.27		105.0	5	156		0	40	
Surr: Tetrachloro-meta-xylene	26.2		32.27		81.1	7.35	123		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MB-63699</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141391</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63699</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762326</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									
Aniline	ND	0.500									
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MB-63699</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141391</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63699</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762326</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	1.57		1.670		94.3	52.1	113				
Surr: 2-Fluorobiphenyl	0.663		0.8350		79.5	46.3	106				
Surr: 2-Fluorophenol	1.29		1.670		77.1	50.6	89				
Surr: Nitrobenzene-d5	0.689		0.8350		82.6	42.4	99.2				
Surr: Phenol-d5	1.32		1.670		79.2	55.9	98.5				
Surr: p-Terphenyl-d14	0.748		0.8350		89.6	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-63699</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>					Prep Date: <b>10/14/2010</b>	RunNo: <b>141391</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63699</b>	<b>SW3550B</b>					Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762327</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.16	0.500	1.670	0	69.3	43.9	92.2				
1,4-Dichlorobenzene	1.21	0.500	1.670	0	72.2	43.8	84.1				
2,4,5-Trichlorophenol	2.76	0.350	3.330	0	83.0	38.6	123				
2,4,6-Trichlorophenol	2.80	0.350	3.330	0	84.1	35.9	123				
2,4-Dimethylphenol	2.46	0.500	3.330	0	73.8	38.3	88				
2,4-Dinitrophenol	2.93	1.00	3.330	0	88.0	1.88	162				
2,4-Dinitrotoluene	1.37	0.350	1.670	0	82.2	48.6	102				
2-Chlorophenol	2.52	0.500	3.330	0	75.7	46.6	84				
4-Chloro-3-methylphenol	2.61	0.500	3.330	0	78.3	51.5	94.9				
4-Nitrophenol	3.21	0.350	3.330	0	96.4	53.2	104				
Diethyl phthalate	2.85	0.500	3.330	0	85.6	51.7	106				
Dimethyl phthalate	2.68	0.350	3.330	0	80.6	58.8	104				
Di-n-butyl phthalate	1.30	0.350	1.670	0	77.8	54.3	105				
Hexachlorobenzene	2.76	0.350	3.330	0	83.0	55.9	106				
Hexachlorobutadiene	2.36	0.500	3.330	0	70.8	35.7	100				
Hexachloroethane	2.54	0.500	3.330	0	76.2	38.9	89.9				
m,p-Cresol	1.25	0.500	1.670	0	74.8	37.6	93.7				
Nitrobenzene	2.25	0.500	3.330	0	67.6	51.8	104				
N-Nitroso-di-n-propylamine	1.24	0.500	1.670	0	74.2	49.1	94.5				
o-Cresol	1.24	0.500	1.670	0	74.0	43	101				
Pentachlorophenol	2.38	2.00	3.330	0	71.5	42.2	102				
Phenol	2.49	0.350	3.330	0	74.7	41.6	81.3				
Pyridine	1.79	0.500	3.330	0	53.9	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.52		1.670		91.0	52.1	113				
Surr: 2-Fluorobiphenyl	0.616		0.8350		73.8	46.3	106				
Surr: 2-Fluorophenol	1.24		1.670		74.5	50.6	89				
Surr: Nitrobenzene-d5	0.542		0.8350		64.9	42.4	99.2				
Surr: Phenol-d5	1.23		1.670		73.8	55.9	98.5				
Surr: p-Terphenyl-d14	0.684		0.8350		81.9	45.5	115				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>10100541-003AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>			Prep Date: <b>10/14/2010</b>		RunNo: <b>141391</b>		
Client ID: <b>P6-A4.5-W (20)MS</b>		Batch ID: <b>63699</b>		<b>SW3550B</b>			Analysis Date: <b>10/15/2010</b>		SeqNo: <b>2762331</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.40	0.564	1.885	0	74.2	35.9	102				
1,4-Dichlorobenzene	1.40	0.564	1.885	0	74.2	29.8	95.5				
2,4,5-Trichlorophenol	3.09	0.395	3.759	0	82.1	38.6	123				
2,4,6-Trichlorophenol	3.18	0.395	3.759	0	84.5	35.9	123				
2,4-Dimethylphenol	3.17	0.564	3.759	0	84.4	38.3	88				
2,4-Dinitrophenol	1.84	1.13	3.759	0	48.9	1.88	162				
2,4-Dinitrotoluene	1.48	0.395	1.885	0	78.7	37.5	107				
2-Chlorophenol	2.79	0.564	3.759	0	74.2	22.6	108				
4-Chloro-3-methylphenol	3.16	0.564	3.759	0	84.0	19.3	131				
4-Nitrophenol	3.33	0.395	3.759	0	88.7	27.6	123				
Dimethyl phthalate	2.85	0.395	3.759	0	75.8	58.8	104				
Hexachlorobutadiene	2.82	0.564	3.759	0	75.1	35.7	100				
Hexachloroethane	2.67	0.564	3.759	0	71.0	38.9	89.9				
m,p-Cresol	1.52	0.564	1.885	0	80.5	37.6	93.7				
o-Cresol	1.42	0.564	1.885	0	75.3	43	101				
Surr: 2,4,6-Tribromophenol	1.36		1.885		72.1	32.7	130				
Surr: 2-Fluorobiphenyl	0.617		0.9426		65.5	34.1	116				
Surr: 2-Fluorophenol	1.26		1.885		66.7	30.5	99				
Surr: Nitrobenzene-d5	0.692		0.9426		73.4	34.1	101				
Surr: Phenol-d5	1.26		1.885		66.9	34.9	110				
Surr: p-Terphenyl-d14	0.736		0.9426		78.1	41.7	124				

Sample ID: <b>10100541-003AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>			Prep Date: <b>10/14/2010</b>		RunNo: <b>141391</b>		
Client ID: <b>P6-A4.5-W (20)MSD</b>		Batch ID: <b>63699</b>		<b>SW3550B</b>			Analysis Date: <b>10/15/2010</b>		SeqNo: <b>2762332</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.32	0.564	1.885	0	70.3	35.9	102	1.400	5.53	40	
1,4-Dichlorobenzene	1.23	0.564	1.885	0	65.0	29.8	95.5	1.400	13.3	40	
2,4,5-Trichlorophenol	3.10	0.395	3.758	0	82.5	38.6	123	3.085	0.429	40	
2,4,6-Trichlorophenol	3.22	0.395	3.758	0	85.7	35.9	123	3.177	1.34	40	
2,4-Dimethylphenol	2.92	0.564	3.758	0	77.7	38.3	88	3.172	8.27	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: 10100541-003AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 10/14/2010	RunNo: 141391							
Client ID: P6-A4.5-W (20)MSD	Batch ID: 63699	SW3550B	Analysis Date: 10/15/2010	SeqNo: 2762332							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrophenol	1.90	1.13	3.758	0	50.5	1.88	162	1.839	3.05	40	
2,4-Dinitrotoluene	1.43	0.395	1.885	0	76.0	37.5	107	1.483	3.54	40	
2-Chlorophenol	2.54	0.564	3.758	0	67.5	22.6	108	2.790	9.55	40	
4-Chloro-3-methylphenol	2.82	0.564	3.758	0	75.0	19.3	131	3.158	11.4	40	
4-Nitrophenol	3.26	0.395	3.758	0	86.6	27.6	123	3.334	2.40	40	
Dimethyl phthalate	2.69	0.395	3.758	0	71.7	58.8	104	2.851	5.65	40	
Hexachlorobutadiene	2.55	0.564	3.758	0	67.8	35.7	100	2.824	10.4	40	
Hexachloroethane	2.31	0.564	3.758	0	61.4	38.9	89.9	2.670	14.6	40	
m,p-Cresol	1.43	0.564	1.885	0	76.1	37.6	93.7	1.518	5.69	40	
o-Cresol	1.41	0.564	1.885	0	74.7	43	101	1.420	0.805	40	
Surr: 2,4,6-Tribromophenol	1.24		1.885		65.8	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	0.585		0.9423		62.1	34.1	116		0	40	
Surr: 2-Fluorophenol	1.17		1.885		62.1	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.629		0.9423		66.8	34.1	101		0	40	
Surr: Phenol-d5	1.25		1.885		66.6	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.696		0.9423		73.9	41.7	124		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MB-63686</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/13/2010</b>	RunNo: <b>141300</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63686</b>	<b>SW3550B</b>	Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2760402</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	0.124		0.1670		74.4	17.5	123				
Surr: 2-Fluorophenol	0.197		0.3330		59.3	23	117				
Surr: Nitrobenzene-d5	0.129		0.1670		77.2	35	105				
Surr: Phenol-d5	0.221		0.3330		66.4	33.2	125				
Surr: p-Terphenyl-d14	0.137		0.1670		81.8	53.6	122				

Sample ID: <b>LCS-63686</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/13/2010</b>	RunNo: <b>141300</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63686</b>	<b>SW3550B</b>	Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2760403</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.128	0.003	0.1670	0	76.8	56.3	115				

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-63686</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/13/2010</b>		RunNo: <b>141300</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63686</b>		<b>SW3550B</b>		Analysis Date: <b>10/14/2010</b>		SeqNo: <b>2760403</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthylene	0.124	0.003	0.1670	0	74.3	60.3	143				
Anthracene	0.122	0.003	0.1670	0	72.9	52.1	109				
Benzo(a)anthracene	0.126	0.003	0.1670	0	75.3	52.8	112				
Benzo(a)pyrene	0.128	0.003	0.1670	0	76.6	40.8	127				
Benzo(b)fluoranthene	0.138	0.003	0.1670	0	82.4	50.1	150				
Benzo(g,h,i)perylene	0.141	0.003	0.1670	0	84.4	52.8	145				
Benzo(k)fluoranthene	0.127	0.003	0.1670	0	76.0	52	153				
Bis(2-ethylhexyl)phthalate	0.147	0.067	0.1670	0	88.1	50	150				
Chrysene	0.134	0.003	0.1670	0	80.2	60.8	128				
Dibenzo(a,h)anthracene	0.140	0.003	0.1670	0	83.6	54.9	150				
Diethyl phthalate	0.146	0.034	0.1670	0	87.4	50	150				
Dimethyl phthalate	0.151	0.034	0.1670	0	90.7	50	150				
Di-n-butyl phthalate	0.138	0.034	0.1670	0	82.9	50	150				
Fluoranthene	0.135	0.003	0.1670	0	81.0	58.7	125				
Fluorene	0.139	0.003	0.1670	0	83.2	57.8	125				
Indeno(1,2,3-cd)pyrene	0.141	0.003	0.1670	0	84.5	52	147				
Naphthalene	0.126	0.003	0.1670	0	75.4	54.8	113				
Phenanthrene	0.131	0.003	0.1670	0	78.7	60.4	121				
Pyrene	0.131	0.003	0.1670	0	78.5	57.9	129				
Surr: 2-Fluorobiphenyl	0.124		0.1670		74.2	35.3	113				
Surr: 2-Fluorophenol	0.173		0.3330		52.0	13.6	123				
Surr: Nitrobenzene-d5	0.124		0.1670		74.0	33.9	108				
Surr: Phenol-d5	0.210		0.3330		63.1	33.7	129				
Surr: p-Terphenyl-d14	0.137		0.1670		82.3	58.4	122				

Sample ID: <b>10100541-005AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/14/2010</b>		RunNo: <b>141300</b>			
Client ID: <b>P6-A5.5-W (8)MS</b>		Batch ID: <b>63686</b>		<b>SW3550B</b>		Analysis Date: <b>10/14/2010</b>		SeqNo: <b>2761147</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.244	0.004	0.2007	0.3753	-65.4	36	135				S
Acenaphthylene	0.337	0.004	0.2007	0.3582	-10.5	17.2	167				S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>10100541-005AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>			Prep Date: <b>10/14/2010</b>			RunNo: <b>141300</b>		
Client ID: <b>P6-A5.5-W (8)MS</b>		Batch ID: <b>63686</b>		<b>SW3550B</b>			Analysis Date: <b>10/14/2010</b>			SeqNo: <b>2761147</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Anthracene	0.225	0.004	0.2007	0.2968	-36.0	39.3	124				S	
Benzo(a)anthracene	0.188	0.004	0.2007	0.1436	22.1	10	183					
Benzo(a)pyrene	0.201	0.004	0.2007	0.1612	19.8	10	204					
Benzo(b)fluoranthene	0.194	0.004	0.2007	0.1244	34.8	10.6	178					
Benzo(g,h,i)perylene	0.160	0.004	0.2007	0.08130	39.3	10	168					
Benzo(k)fluoranthene	0.154	0.004	0.2007	0.03875	57.3	27.6	181					
Bis(2-ethylhexyl)phthalate	0.149	0.080	0.2007	0	74.3	50	150					
Chrysene	0.198	0.004	0.2007	0.1489	24.5	10	176					
Dibenzo(a,h)anthracene	0.151	0.004	0.2007	0.01959	65.4	12.2	156					
Fluoranthene	0.268	0.004	0.2007	0.3320	-32.0	10	227				S	
Fluorene	0.254	0.004	0.2007	0.3478	-46.6	35.2	148				S	
Indeno(1,2,3-cd)pyrene	0.165	0.004	0.2007	0.06170	51.4	10	164					
Phenanthrene	0.453	0.004	0.2007	1.019	-282.1	32.8	143				S	
Pyrene	0.306	0.004	0.2007	0.4890	-91.1	10	180				S	
Surr: 2-Fluorobiphenyl	0.112		0.2007		55.9	10	131					
Surr: Nitrobenzene-d5	0.135		0.2007		67.2	10	132					
Surr: p-Terphenyl-d14	0.146		0.2007		73.0	30.6	131					

Sample ID: <b>10100541-005AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>			Prep Date: <b>10/14/2010</b>			RunNo: <b>141300</b>		
Client ID: <b>P6-A5.5-W (8)MSD</b>		Batch ID: <b>63686</b>		<b>SW3550B</b>			Analysis Date: <b>10/14/2010</b>			SeqNo: <b>2761148</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Acenaphthene	0.233	0.004	0.2013	0.3753	-70.5	36	135	0.2441	4.47	49.7	S	
Acenaphthylene	0.326	0.004	0.2013	0.3582	-16.1	17.2	167	0.3371	3.41	33.3	S	
Anthracene	0.216	0.004	0.2013	0.2968	-40.3	39.3	124	0.2245	4.06	51.1	S	
Benzo(a)anthracene	0.183	0.004	0.2013	0.1436	19.8	10	183	0.1880	2.40	40.6		
Benzo(a)pyrene	0.192	0.004	0.2013	0.1612	15.5	10	204	0.2009	4.31	56.4		
Benzo(b)fluoranthene	0.191	0.004	0.2013	0.1244	33.1	10.6	178	0.1942	1.66	49.7		
Benzo(g,h,i)perylene	0.167	0.004	0.2013	0.08130	42.7	10	168	0.1603	4.29	36.5		
Benzo(k)fluoranthene	0.160	0.004	0.2013	0.03875	60.0	27.6	181	0.1538	3.65	42.6		
Bis(2-ethylhexyl)phthalate	0.163	0.081	0.2013	0	81.2	50	150	0.1492	9.10	60.3		

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: 10100541-005AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 10/14/2010		RunNo: 141300			
Client ID: P6-A5.5-W (8)MSD		Batch ID: 63686		SW3550B		Analysis Date: 10/14/2010		SeqNo: 2761148			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	0.197	0.004	0.2013	0.1489	24.1	10	176	0.1980	0.310	45.1	
Dibenzo(a,h)anthracene	0.156	0.004	0.2013	0.01959	67.9	12.2	156	0.1508	3.57	39.9	
Fluoranthene	0.241	0.004	0.2013	0.3320	-45.2	10	227	0.2677	10.5	66.2	S
Fluorene	0.263	0.004	0.2013	0.3478	-42.0	35.2	148	0.2543	3.46	65.6	S
Indeno(1,2,3-cd)pyrene	0.171	0.004	0.2013	0.06170	54.1	10	164	0.1649	3.43	36.5	
Phenanthrene	0.413	0.004	0.2013	1.019	-300.7	32.8	143	0.4525	9.06	35.4	S
Pyrene	0.282	0.004	0.2013	0.4890	-102.7	10	180	0.3061	8.10	60.1	S
Surr: 2-Fluorobiphenyl	0.119		0.2013		59.2	10	131		0	40	
Surr: Nitrobenzene-d5	0.151		0.2013		75.1	10	132		0	40	
Surr: p-Terphenyl-d14	0.146		0.2013		72.7	30.6	131		0	40	

Sample ID: 10100541-005AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 10/14/2010		RunNo: 141385			
Client ID: P6-A5.5-W (8)MS		Batch ID: 63686		SW3550B		Analysis Date: 10/15/2010		SeqNo: 2762359			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	2.68	0.041	0.2007	3.782	-549.1	14.7	128				S

Sample ID: 10100541-005AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 10/14/2010		RunNo: 141385			
Client ID: P6-A5.5-W (8)MSD		Batch ID: 63686		SW3550B		Analysis Date: 10/15/2010		SeqNo: 2762360			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	2.82	0.041	0.2013	3.782	-477.7	14.7	128	2.680	5.11	39.6	S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-G101014-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/14/2010</b>	RunNo: <b>141347</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63734</b>	<b>SW5035</b>				Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2761433</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.8	5.0	50.00	0	101.5	0	200				
1,1,1-Trichloroethane	52.0	5.0	50.00	0	104.1	85.6	124				
1,1,2,2-Tetrachloroethane	51.1	5.0	50.00	0	102.2	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	54.5	5.0	50.00	0	109.0	0	200				
1,1,2-Trichloroethane	50.2	5.0	50.00	0	100.4	0	200				
1,1-Dichloro-2-propanone	141	50.0	125.0	0	113.1	0	200				
1,1-Dichloroethane	50.4	5.0	50.00	0	100.8	0	200				
1,1-Dichloroethene	50.6	5.0	50.00	0	101.2	60.1	131				
1,1-Dichloropropene	51.2	5.0	50.00	0	102.5	0	200				
1,2,3-Trichlorobenzene	54.4	5.0	50.00	0	108.9	0	200				
1,2,3-Trichloropropane	53.0	10	50.00	0	106.0	0	200				
1,2,3-Trimethylbenzene	49.0	5.0	50.00	0	98.0	0	200				
1,2,4-Trichlorobenzene	53.6	5.0	50.00	0	107.2	0	200				
1,2,4-Trimethylbenzene	50.9	5.0	50.00	0	101.8	0	200				
1,2-Dibromo-3-chloropropane	51.9	5.0	50.00	0	103.9	0	200				
1,2-Dibromoethane	51.8	5.0	50.00	0	103.7	86.9	119				
1,2-Dichlorobenzene	49.8	5.0	50.00	0	99.5	88	119				
1,2-Dichloroethane	52.5	5.0	50.00	0	105.0	73	117				
1,2-Dichloropropane	49.3	5.0	50.00	0	98.7	0	200				
1,3,5-Trimethylbenzene	50.6	5.0	50.00	0	101.3	0	200				
1,3-Dichlorobenzene	50.0	5.0	50.00	0	100	85.8	125				
1,3-Dichloropropane	49.8	5.0	50.00	0	99.7	0	200				
1,4-Dichlorobenzene	49.8	5.0	50.00	0	99.6	84.5	124				
1-Chlorobutane	48.4	5.0	50.00	0	96.8	0	200				
2,2-Dichloropropane	49.6	5.0	50.00	0	99.1	0	200				
2-Butanone	134	50.0	125.0	0	107.2	45.3	136				
2-Chlorotoluene	49.2	5.0	50.00	0	98.3	0	200				
2-Hexanone	126	50.0	125.0	0	101.0	0	200				
2-Nitropropane	48	50.0	50.00	0	96.9	0	200				J
4-Chlorotoluene	49.4	5.0	50.00	0	98.8	0	200				
4-Methyl-2-pentanone	129	50.0	125.0	0	103.3	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-G101014-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/14/2010</b>	RunNo: <b>141347</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63734</b>	<b>SW5035</b>					Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2761433</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	147	50.0	125.0	0	117.8	0	200				
Acrylonitrile	48.2	10	50.00	0	96.4	0	200				
Allyl chloride	51.9	5.0	50.00	0	103.7	0	200				
Benzene	49.7	1.0	50.00	0	99.4	73.9	109				
Bromobenzene	50.4	5.0	50.00	0	100.7	0	200				
Bromochloromethane	50.4	5.0	50.00	0	100.7	0	200				
Bromodichloromethane	51.4	5.0	50.00	0	102.8	91.3	126				
Bromoform	52.6	5.0	50.00	0	105.3	0	200				
Bromomethane	45.2	10	50.00	0	90.3	0	200				
Carbon disulfide	51.9	5.0	50.00	0	103.7	0	200				
Carbon tetrachloride	53.0	5.0	50.00	0	106.0	83.3	127				
Chlorobenzene	50.6	5.0	50.00	0	101.1	85.8	116				
Chloroethane	46.7	10	50.00	0	93.5	0	200				
Chloroform	51.8	5.0	50.00	0	103.5	80	113				
Chloromethane	38.4	10	50.00	0	76.8	0	200				
cis-1,2-Dichloroethene	51.2	5.0	50.00	0	102.4	0	200				
cis-1,3-Dichloropropene	50.2	4.0	50.00	0	100.4	0	200				
Cyclohexanone	253	100	250.0	0	101.3	0	200				
Dibromochloromethane	50.9	5.0	50.00	0	101.8	89.1	119				
Dibromomethane	51.6	5.0	50.00	0	103.2	0	200				
Dichlorodifluoromethane	37.2	10	50.00	0	74.4	0	200				
Ethyl acetate	49	50.0	50.00	0	97.9	0	200				J
Ethyl ether	51.8	5.0	50.00	0	103.6	0	200				
Ethyl methacrylate	47.6	5.0	50.00	0	95.3	0	200				
Ethylbenzene	50.2	5.0	50.00	0	100.5	84.1	115				
Heptane	49.6	20.0	50.00	0	99.2	0	200				
Hexachlorobutadiene	53.5	5.0	50.00	0	107.1	0	200				
Hexachloroethane	47.6	5.0	50.00	0	95.3	0	200				
Iodomethane	57.4	10	50.00	0	114.8	0	200				
Isopropylbenzene	50.3	5.0	50.00	0	100.7	0	200				
m,p-Xylenes	99.1	5.0	100.0	0	99.1	79.1	111				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-G101014-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/14/2010</b>	RunNo: <b>141347</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63734</b>	<b>SW5035</b>				Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2761433</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50	50.0	50.00	0	99.9	0	200				J
Methyl Methacrylate	48.4	5.0	50.00	0	96.9	0	200				
Methyl tert-butyl ether	51.3	2.0	50.00	0	102.6	80	128				
Methylacrylate	51.1	10	50.00	0	102.2	0	200				
Methylene chloride	48.9	5.0	50.00	0	97.8	73.9	116				
Naphthalene	53.3	10	50.00	0	106.7	73.1	135				
n-Butylbenzene	50.3	5.0	50.00	0	100.6	0	200				
n-Hexane	50.6	20.0	50.00	0	101.2	0	200				
Nitrobenzene	42	100	50.00	0	84.2	0	200				J
n-Propylbenzene	49.6	5.0	50.00	0	99.3	0	200				
o-Xylene	48.2	5.0	50.00	0	96.5	82	117				
Pentachloroethane	52.4	5.0	50.00	0	104.7	0	200				
p-Isopropyltoluene	50.1	5.0	50.00	0	100.2	0	200				
Propionitrile	53.7	50.0	50.00	0	107.4	0	200				
sec-Butylbenzene	50.8	5.0	50.00	0	101.5	0	200				
Styrene	50.0	5.0	50.00	0	99.9	0	200				
tert-Butylbenzene	49.3	5.0	50.00	0	98.7	0	200				
Tetrachloroethene	50.9	5.0	50.00	0	101.8	74.6	115				
Tetrahydrofuran	51.7	50.0	50.00	0	103.4	0	200				
Toluene	49.5	5.0	50.00	0	99.0	79.1	112				
trans-1,2-Dichloroethene	52.3	5.0	50.00	0	104.6	0	200				
trans-1,3-Dichloropropene	48.9	4.0	50.00	0	97.8	0	200				
Trichloroethene	51.4	5.0	50.00	0	102.8	81	111				
Trichlorofluoromethane	48.4	5.0	50.00	0	96.8	0	200				
Vinyl acetate	50.2	50.0	50.00	0	100.4	0	200				
Vinyl chloride	47.4	2.0	50.00	0	94.7	0	200				
Surr: 1,2-Dichloroethane-d4	49.8		50.00		99.6	72.2	131				
Surr: 4-Bromofluorobenzene	50.5		50.00		101.0	82.1	116				
Surr: Dibromofluoromethane	51.8		50.00		103.6	77.7	120				
Surr: Toluene-d8	49.6		50.00		99.3	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCSD-G101014-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/14/2010</b>	RunNo: <b>141347</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63734</b>	<b>SW5035</b>					Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2761434</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	52.2	5.0	50.00	0	104.4	0	200	50.77	2.76	20	
1,1,1-Trichloroethane	54.1	5.0	50.00	0	108.2	85.6	124	52.04	3.92	20	
1,1,2,2-Tetrachloroethane	52.4	5.0	50.00	0	104.8	0	200	51.10	2.55	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	56.1	5.0	50.00	0	112.2	0	200	54.49	2.91	20	
1,1,2-Trichloroethane	52.0	5.0	50.00	0	104.1	0	200	50.22	3.56	20	
1,1-Dichloro-2-propanone	149	50.0	125.0	0	119.1	0	200	141.4	5.18	20	
1,1-Dichloroethane	52.1	5.0	50.00	0	104.3	0	200	50.41	3.35	20	
1,1-Dichloroethene	51.9	5.0	50.00	0	103.8	60.1	131	50.60	2.50	20	
1,1-Dichloropropene	52.9	5.0	50.00	0	105.9	0	200	51.24	3.24	20	
1,2,3-Trichlorobenzene	56.8	5.0	50.00	0	113.6	0	200	54.44	4.28	20	
1,2,3-Trichloropropane	54.2	10	50.00	0	108.4	0	200	53.00	2.26	20	
1,2,3-Trimethylbenzene	50.1	5.0	50.00	0	100.2	0	200	49.01	2.16	20	
1,2,4-Trichlorobenzene	55.8	5.0	50.00	0	111.6	0	200	53.60	4.06	20	
1,2,4-Trimethylbenzene	52.3	5.0	50.00	0	104.6	0	200	50.88	2.79	20	
1,2-Dibromo-3-chloropropane	54.0	5.0	50.00	0	108.1	0	200	51.93	4.00	20	
1,2-Dibromoethane	53.5	5.0	50.00	0	107.0	86.9	119	51.84	3.15	20	
1,2-Dichlorobenzene	51.5	5.0	50.00	0	103.1	88	119	49.75	3.53	20	
1,2-Dichloroethane	54.3	5.0	50.00	0	108.5	73	117	52.50	3.30	20	
1,2-Dichloropropane	51.3	5.0	50.00	0	102.6	0	200	49.34	3.91	20	
1,3,5-Trimethylbenzene	51.5	5.0	50.00	0	103.0	0	200	50.65	1.63	20	
1,3-Dichlorobenzene	51.2	5.0	50.00	0	102.3	85.8	125	49.98	2.33	20	
1,3-Dichloropropane	51.0	5.0	50.00	0	102.1	0	200	49.83	2.38	20	
1,4-Dichlorobenzene	51.1	5.0	50.00	0	102.2	84.5	124	49.80	2.62	20	
1-Chlorobutane	49.6	5.0	50.00	0	99.1	0	200	48.42	2.33	20	
2,2-Dichloropropane	51.0	5.0	50.00	0	101.9	0	200	49.55	2.79	20	
2-Butanone	138	50.0	125.0	0	110.6	45.3	136	134.0	3.10	20	
2-Chlorotoluene	50.8	5.0	50.00	0	101.5	0	200	49.17	3.20	20	
2-Hexanone	130	50.0	125.0	0	104.0	0	200	126.2	2.96	20	
2-Nitropropane	52.5	50.0	50.00	0	105.0	0	200	48.43	8.06	20	
4-Chlorotoluene	50.8	5.0	50.00	0	101.6	0	200	49.39	2.83	20	
4-Methyl-2-pentanone	134	50.0	125.0	0	107.5	0	200	129.1	4.02	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-D-G101014-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/14/2010</b>	RunNo: <b>141347</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63734</b>	<b>SW5035</b>				Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2761434</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	146	50.0	125.0	0	116.9	0	200	147.2	0.716	20	
Acrylonitrile	50.2	10	50.00	0	100.3	0	200	48.22	3.92	20	
Allyl chloride	54.1	5.0	50.00	0	108.2	0	200	51.86	4.26	20	
Benzene	51.0	1.0	50.00	0	102.0	73.9	109	49.68	2.66	20	
Bromobenzene	51.8	5.0	50.00	0	103.6	0	200	50.35	2.84	20	
Bromochloromethane	52.0	5.0	50.00	0	103.9	0	200	50.36	3.15	20	
Bromodichloromethane	52.9	5.0	50.00	0	105.9	91.3	126	51.41	2.91	20	
Bromoform	54.0	5.0	50.00	0	108.1	0	200	52.65	2.61	20	
Bromomethane	45.7	10	50.00	0	91.3	0	200	45.16	1.10	20	
Carbon disulfide	53.2	5.0	50.00	0	106.3	0	200	51.86	2.49	20	
Carbon tetrachloride	55.0	5.0	50.00	0	109.9	83.3	127	53.01	3.61	20	
Chlorobenzene	51.6	5.0	50.00	0	103.2	85.8	116	50.57	2.05	20	
Chloroethane	48.6	10	50.00	0	97.2	0	200	46.74	3.88	20	
Chloroform	53.5	5.0	50.00	0	107.1	80	113	51.75	3.38	20	
Chloromethane	40.6	10	50.00	0	81.2	0	200	38.41	5.52	20	
cis-1,2-Dichloroethene	52.8	5.0	50.00	0	105.7	0	200	51.18	3.21	20	
cis-1,3-Dichloropropene	51.8	4.0	50.00	0	103.6	0	200	50.18	3.16	20	
Cyclohexanone	275	100	250.0	0	110.0	0	200	253.3	8.18	20	
Dibromochloromethane	52.2	5.0	50.00	0	104.4	89.1	119	50.91	2.52	20	
Dibromomethane	52.6	5.0	50.00	0	105.3	0	200	51.62	1.94	20	
Dichlorodifluoromethane	38.3	10	50.00	0	76.7	0	200	37.18	3.07	20	
Ethyl acetate	51.4	50.0	50.00	0	102.7	0	200	48.94	4.81	20	
Ethyl ether	53.5	5.0	50.00	0	107.1	0	200	51.79	3.32	20	
Ethyl methacrylate	49.0	5.0	50.00	0	97.9	0	200	47.65	2.71	20	
Ethylbenzene	51.7	5.0	50.00	0	103.4	84.1	115	50.24	2.83	20	
Heptane	50.7	20.0	50.00	0	101.4	0	200	49.59	2.25	20	
Hexachlorobutadiene	55.9	5.0	50.00	0	111.7	0	200	53.54	4.24	20	
Hexachloroethane	49.0	5.0	50.00	0	97.9	0	200	47.64	2.73	20	
Iodomethane	63.2	10	50.00	0	126.5	0	200	57.40	9.68	20	
Isopropylbenzene	51.6	5.0	50.00	0	103.3	0	200	50.34	2.57	20	
m,p-Xylenes	102	5.0	100.0	0	102.4	79.1	111	99.07	3.32	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCSD-G101014-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/14/2010</b>	RunNo: <b>141347</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63734</b>	<b>SW5035</b>				Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2761434</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	51.6	50.0	50.00	0	103.2	0	200	49.96	3.19	20	
Methyl Methacrylate	50.2	5.0	50.00	0	100.5	0	200	48.45	3.65	20	
Methyl tert-butyl ether	52.7	2.0	50.00	0	105.4	80	128	51.29	2.67	20	
Methylacrylate	53.1	10	50.00	0	106.2	0	200	51.11	3.84	20	
Methylene chloride	50.7	5.0	50.00	0	101.4	73.9	116	48.91	3.55	20	
Naphthalene	55.5	10	50.00	0	110.9	73.1	135	53.34	3.90	20	
n-Butylbenzene	52.0	5.0	50.00	0	104.1	0	200	50.31	3.40	20	
n-Hexane	51.5	20.0	50.00	0	103.0	0	200	50.59	1.80	20	
Nitrobenzene	41	100	50.00	0	82.9	0	200	42.09	0	20	J
n-Propylbenzene	50.7	5.0	50.00	0	101.4	0	200	49.63	2.17	20	
o-Xylene	49.6	5.0	50.00	0	99.3	82	117	48.25	2.82	20	
Pentachloroethane	53.1	5.0	50.00	0	106.2	0	200	52.35	1.40	20	
p-Isopropyltoluene	51.7	5.0	50.00	0	103.3	0	200	50.11	3.05	20	
Propionitrile	54.3	50.0	50.00	0	108.5	0	200	53.68	1.07	20	
sec-Butylbenzene	52.2	5.0	50.00	0	104.5	0	200	50.77	2.83	20	
Styrene	51.1	5.0	50.00	0	102.2	0	200	49.96	2.26	20	
tert-Butylbenzene	50.5	5.0	50.00	0	101.0	0	200	49.33	2.30	20	
Tetrachloroethene	51.9	5.0	50.00	0	103.7	74.6	115	50.89	1.91	20	
Tetrahydrofuran	53.2	50.0	50.00	0	106.4	0	200	51.72	2.84	20	
Toluene	50.6	5.0	50.00	0	101.2	79.1	112	49.49	2.18	20	
trans-1,2-Dichloroethene	53.8	5.0	50.00	0	107.6	0	200	52.29	2.88	20	
trans-1,3-Dichloropropene	50.1	4.0	50.00	0	100.1	0	200	48.88	2.39	20	
Trichloroethene	53.4	5.0	50.00	0	106.8	81	111	51.42	3.80	20	
Trichlorofluoromethane	50.5	5.0	50.00	0	101.1	0	200	48.39	4.33	20	
Vinyl acetate	52.0	50.0	50.00	0	104.1	0	200	50.19	3.62	20	
Vinyl chloride	49.8	2.0	50.00	0	99.7	0	200	47.37	5.08	20	
Surr: 1,2-Dichloroethane-d4	50.6		50.00		101.2	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	51.0		50.00		101.9	82.1	116		0	20	
Surr: Dibromofluoromethane	52.4		50.00		104.8	77.7	120		0	20	
Surr: Toluene-d8	49.4		50.00		98.9	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MBLK-G101014-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141347</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63734</b>	<b>SW5035</b>	Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2761435</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MBLK-G101014-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141347</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63734</b>	<b>SW5035</b>	Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2761435</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MBLK-G101014-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141347</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63734</b>	<b>SW5035</b>	Analysis Date: <b>10/14/2010</b>	SeqNo: <b>2761435</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	51.9		50.00		103.8	72.2	131				
Surr: 4-Bromofluorobenzene	49.9		50.00		99.8	82.1	116				
Surr: Dibromofluoromethane	52.2		50.00		104.5	77.7	120				
Surr: Toluene-d8	49.9		50.00		99.8	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-G101015-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762447</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	51.9	5.0	50.00	0	103.8	0	200				
1,1,1-Trichloroethane	53.1	5.0	50.00	0	106.2	85.6	124				
1,1,2,2-Tetrachloroethane	51.7	5.0	50.00	0	103.3	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	55.8	5.0	50.00	0	111.7	0	200				
1,1,2-Trichloroethane	50.7	5.0	50.00	0	101.5	0	200				
1,1-Dichloro-2-propanone	126	50.0	125.0	0	100.7	0	200				
1,1-Dichloroethane	52.9	5.0	50.00	0	105.8	0	200				
1,1-Dichloroethene	51.2	5.0	50.00	0	102.4	60.1	131				
1,1-Dichloropropene	52.6	5.0	50.00	0	105.2	0	200				
1,2,3-Trichlorobenzene	57.5	5.0	50.00	0	115.1	0	200				
1,2,3-Trichloropropane	52.7	10	50.00	0	105.4	0	200				
1,2,3-Trimethylbenzene	50.6	5.0	50.00	0	101.1	0	200				
1,2,4-Trichlorobenzene	59.0	5.0	50.00	0	118.0	0	200				
1,2,4-Trimethylbenzene	52.7	5.0	50.00	0	105.4	0	200				
1,2-Dibromo-3-chloropropane	52.4	5.0	50.00	0	104.8	0	200				
1,2-Dibromoethane	52.6	5.0	50.00	0	105.1	86.9	119				
1,2-Dichlorobenzene	51.6	5.0	50.00	0	103.1	88	119				
1,2-Dichloroethane	53.5	5.0	50.00	0	106.9	73	117				
1,2-Dichloropropane	51.0	5.0	50.00	0	102.0	0	200				
1,3,5-Trimethylbenzene	52.1	5.0	50.00	0	104.3	0	200				
1,3-Dichlorobenzene	52.7	5.0	50.00	0	105.4	85.8	125				
1,3-Dichloropropane	51.2	5.0	50.00	0	102.5	0	200				
1,4-Dichlorobenzene	52.6	5.0	50.00	0	105.2	84.5	124				
1-Chlorobutane	50.4	5.0	50.00	0	100.9	0	200				
2,2-Dichloropropane	51.7	5.0	50.00	0	103.5	0	200				
2-Butanone	155	50.0	125.0	0	124.4	45.3	136				
2-Chlorotoluene	51.3	5.0	50.00	0	102.6	0	200				
2-Hexanone	141	50.0	125.0	0	112.5	0	200				
2-Nitropropane	53.3	50.0	50.00	0	106.5	0	200				
4-Chlorotoluene	52.2	5.0	50.00	0	104.4	0	200				
4-Methyl-2-pentanone	134	50.0	125.0	0	107.1	0	200				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: LCS-G101015-1	SampType: LCS	Units: µg/Kg					Prep Date: 10/15/2010	RunNo: 141398			
Client ID: ZZZZZZ	Batch ID: 63762	SW5035					Analysis Date: 10/15/2010	SeqNo: 2762447			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	205	50.0	125.0	0	164.0	0	200				
Acrylonitrile	49.4	10	50.00	0	98.8	0	200				
Allyl chloride	54.1	5.0	50.00	0	108.3	0	200				
Benzene	51.5	1.0	50.00	0	102.9	73.9	109				
Bromobenzene	52.4	5.0	50.00	0	104.7	0	200				
Bromochloromethane	52.5	5.0	50.00	0	105.1	0	200				
Bromodichloromethane	53.0	5.0	50.00	0	106.0	91.3	126				
Bromoform	53.9	5.0	50.00	0	107.8	0	200				
Bromomethane	43.0	10	50.00	0	86.0	0	200				
Carbon disulfide	52.4	5.0	50.00	0	104.9	0	200				
Carbon tetrachloride	53.9	5.0	50.00	0	107.8	83.3	127				
Chlorobenzene	52.3	5.0	50.00	0	104.7	85.8	116				
Chloroethane	47.6	10	50.00	0	95.2	0	200				
Chloroform	53.1	5.0	50.00	0	106.3	80	113				
Chloromethane	38.2	10	50.00	0	76.5	0	200				
cis-1,2-Dichloroethene	52.1	5.0	50.00	0	104.3	0	200				
cis-1,3-Dichloropropene	52.4	4.0	50.00	0	104.7	0	200				
Cyclohexanone	283	100	250.0	0	113.4	0	200				
Dibromochloromethane	51.4	5.0	50.00	0	102.9	89.1	119				
Dibromomethane	52.0	5.0	50.00	0	104.0	0	200				
Dichlorodifluoromethane	32.5	10	50.00	0	65.0	0	200				
Ethyl acetate	52.3	50.0	50.00	0	104.7	0	200				
Ethyl ether	52.6	5.0	50.00	0	105.2	0	200				
Ethyl methacrylate	49.0	5.0	50.00	0	98.0	0	200				
Ethylbenzene	51.7	5.0	50.00	0	103.4	84.1	115				
Heptane	55.4	20.0	50.00	0	110.9	0	200				
Hexachlorobutadiene	57.6	5.0	50.00	0	115.2	0	200				
Hexachloroethane	50.0	5.0	50.00	0	99.9	0	200				
Iodomethane	59.2	10	50.00	0	118.4	0	200				
Isopropylbenzene	51.9	5.0	50.00	0	103.9	0	200				
m,p-Xylenes	103	5.0	100.0	0	103.2	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-G101015-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>				Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762447</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50.5	50.0	50.00	0	100.9	0	200				
Methyl Methacrylate	49.7	5.0	50.00	0	99.3	0	200				
Methyl tert-butyl ether	51.9	2.0	50.00	0	103.9	80	128				
Methylacrylate	51.8	10	50.00	0	103.6	0	200				
Methylene chloride	50.2	5.0	50.00	0	100.5	73.9	116				
Naphthalene	55.0	10	50.00	0	110.0	73.1	135				
n-Butylbenzene	54.6	5.0	50.00	0	109.3	0	200				
n-Hexane	54.1	20.0	50.00	0	108.2	0	200				
Nitrobenzene	58	100	50.00	0	116.5	0	200				J
n-Propylbenzene	52.1	5.0	50.00	0	104.3	0	200				
o-Xylene	50.0	5.0	50.00	0	99.9	82	117				
Pentachloroethane	53.7	5.0	50.00	0	107.3	0	200				
p-Isopropyltoluene	51.6	5.0	50.00	0	103.2	0	200				
Propionitrile	53.3	50.0	50.00	0	106.6	0	200				
sec-Butylbenzene	52.9	5.0	50.00	0	105.7	0	200				
Styrene	51.8	5.0	50.00	0	103.5	0	200				
tert-Butylbenzene	50.5	5.0	50.00	0	100.9	0	200				
Tetrachloroethene	52.7	5.0	50.00	0	105.4	74.6	115				
Tetrahydrofuran	52.0	50.0	50.00	0	103.9	0	200				
Toluene	51.3	5.0	50.00	0	102.6	79.1	112				
trans-1,2-Dichloroethene	54.0	5.0	50.00	0	108.0	0	200				
trans-1,3-Dichloropropene	51.0	4.0	50.00	0	101.9	0	200				
Trichloroethene	53.4	5.0	50.00	0	106.8	81	111				
Trichlorofluoromethane	48.7	5.0	50.00	0	97.3	0	200				
Vinyl acetate	52.4	50.0	50.00	0	104.8	0	200				
Vinyl chloride	47.0	2.0	50.00	0	93.9	0	200				
Surr: 1,2-Dichloroethane-d4	50.3		50.00		100.6	72.2	131				
Surr: 4-Bromofluorobenzene	50.0		50.00		100	82.1	116				
Surr: Dibromofluoromethane	52.2		50.00		104.5	77.7	120				
Surr: Toluene-d8	50.0		50.00		100	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCSD-G101015-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/15/2010</b>			RunNo: <b>141398</b>		
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>				Analysis Date: <b>10/15/2010</b>			SeqNo: <b>2762448</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	52.9	5.0	50.00	0	105.9	0	200	51.89	2.00	20	
1,1,1-Trichloroethane	54.6	5.0	50.00	0	109.2	85.6	124	53.12	2.78	20	
1,1,2,2-Tetrachloroethane	52.6	5.0	50.00	0	105.2	0	200	51.66	1.80	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	57.0	5.0	50.00	0	113.9	0	200	55.83	2.00	20	
1,1,2-Trichloroethane	51.8	5.0	50.00	0	103.7	0	200	50.74	2.14	20	
1,1-Dichloro-2-propanone	155	50.0	125.0	0	124.2	0	200	125.8	20.9	20	R
1,1-Dichloroethane	53.5	5.0	50.00	0	106.9	0	200	52.88	1.11	20	
1,1-Dichloroethene	52.3	5.0	50.00	0	104.6	60.1	131	51.21	2.13	20	
1,1-Dichloropropene	54.5	5.0	50.00	0	109.0	0	200	52.60	3.57	20	
1,2,3-Trichlorobenzene	58.0	5.0	50.00	0	116.0	0	200	57.54	0.762	20	
1,2,3-Trichloropropane	53.4	10	50.00	0	106.8	0	200	52.69	1.32	20	
1,2,3-Trimethylbenzene	51.6	5.0	50.00	0	103.3	0	200	50.55	2.15	20	
1,2,4-Trichlorobenzene	59.4	5.0	50.00	0	118.7	0	200	59.01	0.608	20	
1,2,4-Trimethylbenzene	53.8	5.0	50.00	0	107.7	0	200	52.69	2.18	20	
1,2-Dibromo-3-chloropropane	52.6	5.0	50.00	0	105.2	0	200	52.42	0.324	20	
1,2-Dibromoethane	53.4	5.0	50.00	0	106.8	86.9	119	52.57	1.57	20	
1,2-Dichlorobenzene	52.7	5.0	50.00	0	105.4	88	119	51.56	2.19	20	
1,2-Dichloroethane	54.8	5.0	50.00	0	109.5	73	117	53.47	2.40	20	
1,2-Dichloropropane	52.0	5.0	50.00	0	103.9	0	200	51.01	1.85	20	
1,3,5-Trimethylbenzene	53.5	5.0	50.00	0	107.0	0	200	52.13	2.56	20	
1,3-Dichlorobenzene	53.2	5.0	50.00	0	106.3	85.8	125	52.69	0.907	20	
1,3-Dichloropropane	51.3	5.0	50.00	0	102.6	0	200	51.24	0.137	20	
1,4-Dichlorobenzene	53.3	5.0	50.00	0	106.5	84.5	124	52.58	1.28	20	
1-Chlorobutane	51.2	5.0	50.00	0	102.4	0	200	50.43	1.52	20	
2,2-Dichloropropane	53.2	5.0	50.00	0	106.4	0	200	51.74	2.76	20	
2-Butanone	154	50.0	125.0	0	123.2	45.3	136	155.5	0.956	20	
2-Chlorotoluene	52.5	5.0	50.00	0	104.9	0	200	51.29	2.26	20	
2-Hexanone	139	50.0	125.0	0	111.4	0	200	140.7	1.04	20	
2-Nitropropane	53.2	50.0	50.00	0	106.4	0	200	53.26	0.150	20	
4-Chlorotoluene	53.1	5.0	50.00	0	106.3	0	200	52.21	1.77	20	
4-Methyl-2-pentanone	133	50.0	125.0	0	106.3	0	200	133.9	0.742	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-D-G101015-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>					Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762448</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	196	50.0	125.0	0	156.9	0	200	205.0	4.45	20	
Acrylonitrile	49.7	10	50.00	0	99.3	0	200	49.39	0.565	20	
Allyl chloride	53.6	5.0	50.00	0	107.3	0	200	54.13	0.891	20	
Benzene	52.5	1.0	50.00	0	105.1	73.9	109	51.47	2.06	20	
Bromobenzene	52.7	5.0	50.00	0	105.5	0	200	52.36	0.704	20	
Bromochloromethane	53.8	5.0	50.00	0	107.6	0	200	52.53	2.35	20	
Bromodichloromethane	54.1	5.0	50.00	0	108.2	91.3	126	53.00	2.07	20	
Bromoform	54.0	5.0	50.00	0	108.1	0	200	53.91	0.259	20	
Bromomethane	44.3	10	50.00	0	88.7	0	200	42.99	3.09	20	
Carbon disulfide	53.3	5.0	50.00	0	106.6	0	200	52.45	1.65	20	
Carbon tetrachloride	55.9	5.0	50.00	0	111.8	83.3	127	53.92	3.61	20	
Chlorobenzene	53.2	5.0	50.00	0	106.4	85.8	116	52.33	1.61	20	
Chloroethane	48.7	10	50.00	0	97.3	0	200	47.61	2.20	20	
Chloroform	54.7	5.0	50.00	0	109.4	80	113	53.13	2.91	20	
Chloromethane	38.3	10	50.00	0	76.6	0	200	38.23	0.209	20	
cis-1,2-Dichloroethene	54.1	5.0	50.00	0	108.2	0	200	52.14	3.69	20	
cis-1,3-Dichloropropene	53.5	4.0	50.00	0	106.9	0	200	52.37	2.08	20	
Cyclohexanone	276	100	250.0	0	110.2	0	200	283.4	2.83	20	
Dibromochloromethane	52.8	5.0	50.00	0	105.7	89.1	119	51.43	2.72	20	
Dibromomethane	52.9	5.0	50.00	0	105.8	0	200	52.01	1.66	20	
Dichlorodifluoromethane	33.0	10	50.00	0	65.9	0	200	32.50	1.38	20	
Ethyl acetate	51.6	50.0	50.00	0	103.3	0	200	52.34	1.35	20	
Ethyl ether	53.8	5.0	50.00	0	107.6	0	200	52.61	2.24	20	
Ethyl methacrylate	48.7	5.0	50.00	0	97.3	0	200	49.02	0.717	20	
Ethylbenzene	52.9	5.0	50.00	0	105.9	84.1	115	51.70	2.37	20	
Heptane	54.1	20.0	50.00	0	108.3	0	200	55.43	2.37	20	
Hexachlorobutadiene	57.7	5.0	50.00	0	115.4	0	200	57.58	0.226	20	
Hexachloroethane	51.1	5.0	50.00	0	102.1	0	200	49.97	2.18	20	
Iodomethane	64.6	10	50.00	0	129.1	0	200	59.22	8.64	20	
Isopropylbenzene	52.9	5.0	50.00	0	105.8	0	200	51.94	1.81	20	
m,p-Xylenes	105	5.0	100.0	0	105.1	79.1	111	103.2	1.81	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCSD-G101015-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>					Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762448</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	51.2	50.0	50.00	0	102.4	0	200	50.46	1.48	20	
Methyl Methacrylate	49.8	5.0	50.00	0	99.5	0	200	49.66	0.181	20	
Methyl tert-butyl ether	53.4	2.0	50.00	0	106.9	80	128	51.94	2.83	20	
Methylacrylate	52.9	10	50.00	0	105.8	0	200	51.80	2.08	20	
Methylene chloride	51.4	5.0	50.00	0	102.8	73.9	116	50.25	2.22	20	
Naphthalene	56.1	10	50.00	0	112.2	73.1	135	54.98	2.00	20	
n-Butylbenzene	55.4	5.0	50.00	0	110.8	0	200	54.65	1.36	20	
n-Hexane	54.2	20.0	50.00	0	108.5	0	200	54.08	0.295	20	
Nitrobenzene	50	100	50.00	0	100.9	0	200	58.23	0	20	J
n-Propylbenzene	53.1	5.0	50.00	0	106.2	0	200	52.13	1.82	20	
o-Xylene	50.7	5.0	50.00	0	101.5	82	117	49.96	1.53	20	
Pentachloroethane	55.0	5.0	50.00	0	109.9	0	200	53.67	2.38	20	
p-Isopropyltoluene	53.0	5.0	50.00	0	105.9	0	200	51.58	2.64	20	
Propionitrile	52.6	50.0	50.00	0	105.2	0	200	53.29	1.27	20	
sec-Butylbenzene	54.2	5.0	50.00	0	108.4	0	200	52.87	2.52	20	
Styrene	52.4	5.0	50.00	0	104.8	0	200	51.77	1.25	20	
tert-Butylbenzene	52.0	5.0	50.00	0	104.0	0	200	50.46	2.99	20	
Tetrachloroethene	53.9	5.0	50.00	0	107.9	74.6	115	52.71	2.29	20	
Tetrahydrofuran	51.7	50.0	50.00	0	103.4	0	200	51.97	0.560	20	
Toluene	52.0	5.0	50.00	0	104.1	79.1	112	51.28	1.45	20	
trans-1,2-Dichloroethene	55.2	5.0	50.00	0	110.3	0	200	54.01	2.11	20	
trans-1,3-Dichloropropene	51.6	4.0	50.00	0	103.2	0	200	50.95	1.25	20	
Trichloroethene	54.8	5.0	50.00	0	109.6	81	111	53.41	2.55	20	
Trichlorofluoromethane	49.7	5.0	50.00	0	99.5	0	200	48.66	2.18	20	
Vinyl acetate	53.0	50.0	50.00	0	105.9	0	200	52.41	1.03	20	
Vinyl chloride	48.4	2.0	50.00	0	96.7	0	200	46.96	2.94	20	
Surr: 1,2-Dichloroethane-d4	50.7		50.00		101.4	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.1		50.00		100.2	82.1	116		0	20	
Surr: Dibromofluoromethane	52.4		50.00		104.8	77.7	120		0	20	
Surr: Toluene-d8	50.0		50.00		100	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MBLK-G101015-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762449</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MBLK-G101015-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762449</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MBLK-G101015-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762449</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	51.8		50.00		103.6	72.2	131				
Surr: 4-Bromofluorobenzene	50.4		50.00		100.7	82.1	116				
Surr: Dibromofluoromethane	52.2		50.00		104.4	77.7	120				
Surr: Toluene-d8	50.1		50.00		100.3	86	116				



Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-G101018-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764313</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	49.1	5.0	50.00	0	98.2	0	200					
1,1,1-Trichloroethane	52.0	5.0	50.00	0	104.0	85.6	124					
1,1,2,2-Tetrachloroethane	49.4	5.0	50.00	0	98.9	0	200					
1,1,2-Trichloro-1,2,2-trifluoroethane	53.0	5.0	50.00	0	106.0	0	200					
1,1,2-Trichloroethane	49.0	5.0	50.00	0	97.9	0	200					
1,1-Dichloro-2-propanone	126	50.0	125.0	0	101.0	0	200					
1,1-Dichloroethane	50.3	5.0	50.00	0	100.7	0	200					
1,1-Dichloroethene	48.8	5.0	50.00	0	97.6	60.1	131					
1,1-Dichloropropene	51.1	5.0	50.00	0	102.3	0	200					
1,2,3-Trichlorobenzene	55.1	5.0	50.00	0	110.1	0	200					
1,2,3-Trichloropropane	51.0	10	50.00	0	102.0	0	200					
1,2,3-Trimethylbenzene	47.8	5.0	50.00	0	95.7	0	200					
1,2,4-Trichlorobenzene	56.2	5.0	50.00	0	112.4	0	200					
1,2,4-Trimethylbenzene	49.7	5.0	50.00	0	99.4	0	200					
1,2-Dibromo-3-chloropropane	51.3	5.0	50.00	0	102.6	0	200					
1,2-Dibromoethane	50.4	5.0	50.00	0	100.9	86.9	119					
1,2-Dichlorobenzene	49.3	5.0	50.00	0	98.6	88	119					
1,2-Dichloroethane	52.0	5.0	50.00	0	104.0	73	117					
1,2-Dichloropropane	49.0	5.0	50.00	0	98.1	0	200					
1,3,5-Trimethylbenzene	49.2	5.0	50.00	0	98.4	0	200					
1,3-Dichlorobenzene	49.6	5.0	50.00	0	99.3	85.8	125					
1,3-Dichloropropane	48.6	5.0	50.00	0	97.3	0	200					
1,4-Dichlorobenzene	50.0	5.0	50.00	0	100.1	84.5	124					
1-Chlorobutane	47.0	5.0	50.00	0	94.0	0	200					
2,2-Dichloropropane	50.1	5.0	50.00	0	100.2	0	200					
2-Butanone	163	50.0	125.0	0	130.0	45.3	136					
2-Chlorotoluene	48.3	5.0	50.00	0	96.6	0	200					
2-Hexanone	143	50.0	125.0	0	114.1	0	200					
2-Nitropropane	53.8	50.0	50.00	0	107.6	0	200					
4-Chlorotoluene	49.3	5.0	50.00	0	98.6	0	200					
4-Methyl-2-pentanone	132	50.0	125.0	0	105.8	0	200					

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-G101018-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>					Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764313</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	215	50.0	125.0	0	172.2	0	200				
Acrylonitrile	48.1	10	50.00	0	96.2	0	200				
Allyl chloride	52.0	5.0	50.00	0	103.9	0	200				
Benzene	49.7	1.0	50.00	0	99.3	73.9	109				
Bromobenzene	49.4	5.0	50.00	0	98.8	0	200				
Bromochloromethane	50.7	5.0	50.00	0	101.3	0	200				
Bromodichloromethane	51.5	5.0	50.00	0	102.9	91.3	126				
Bromoform	51.7	5.0	50.00	0	103.4	0	200				
Bromomethane	41.9	10	50.00	0	83.9	0	200				
Carbon disulfide	49.6	5.0	50.00	0	99.2	0	200				
Carbon tetrachloride	52.8	5.0	50.00	0	105.6	83.3	127				
Chlorobenzene	49.5	5.0	50.00	0	99.0	85.8	116				
Chloroethane	44.5	10	50.00	0	88.9	0	200				
Chloroform	51.8	5.0	50.00	0	103.7	80	113				
Chloromethane	34.8	10	50.00	0	69.7	0	200				
cis-1,2-Dichloroethene	50.6	5.0	50.00	0	101.2	0	200				
cis-1,3-Dichloropropene	51.1	4.0	50.00	0	102.1	0	200				
Cyclohexanone	306	100	250.0	0	122.2	0	200				
Dibromochloromethane	50.3	5.0	50.00	0	100.5	89.1	119				
Dibromomethane	50.9	5.0	50.00	0	101.7	0	200				
Dichlorodifluoromethane	27.9	10	50.00	0	55.8	0	200				
Ethyl acetate	52.1	50.0	50.00	0	104.3	0	200				
Ethyl ether	51.0	5.0	50.00	0	102.0	0	200				
Ethyl methacrylate	46.9	5.0	50.00	0	93.8	0	200				
Ethylbenzene	49.0	5.0	50.00	0	98.1	84.1	115				
Heptane	53.6	20.0	50.00	0	107.2	0	200				
Hexachlorobutadiene	54.4	5.0	50.00	0	108.7	0	200				
Hexachloroethane	47.4	5.0	50.00	0	94.8	0	200				
Iodomethane	57.4	10	50.00	0	114.8	0	200				
Isopropylbenzene	49.3	5.0	50.00	0	98.6	0	200				
m,p-Xylenes	98.0	5.0	100.0	0	98.0	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-G101018-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764313</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50.1	50.0	50.00	0	100.1	0	200				
Methyl Methacrylate	49.3	5.0	50.00	0	98.6	0	200				
Methyl tert-butyl ether	50.9	2.0	50.00	0	101.8	80	128				
Methylacrylate	52.4	10	50.00	0	104.7	0	200				
Methylene chloride	48.7	5.0	50.00	0	97.4	73.9	116				
Naphthalene	53.1	10	50.00	0	106.2	73.1	135				
n-Butylbenzene	52.0	5.0	50.00	0	103.9	0	200				
n-Hexane	51.5	20.0	50.00	0	103.1	0	200				
Nitrobenzene	60	100	50.00	0	120.4	0	200				J
n-Propylbenzene	49.0	5.0	50.00	0	98.0	0	200				
o-Xylene	47.1	5.0	50.00	0	94.1	82	117				
Pentachloroethane	51.4	5.0	50.00	0	102.7	0	200				
p-Isopropyltoluene	48.8	5.0	50.00	0	97.6	0	200				
Propionitrile	54.4	50.0	50.00	0	108.9	0	200				
sec-Butylbenzene	50.1	5.0	50.00	0	100.2	0	200				
Styrene	49.1	5.0	50.00	0	98.2	0	200				
tert-Butylbenzene	47.6	5.0	50.00	0	95.2	0	200				
Tetrachloroethene	49.9	5.0	50.00	0	99.7	74.6	115				
Tetrahydrofuran	50.8	50.0	50.00	0	101.7	0	200				
Toluene	48.0	5.0	50.00	0	96.1	79.1	112				
trans-1,2-Dichloroethene	51.7	5.0	50.00	0	103.3	0	200				
trans-1,3-Dichloropropene	48.7	4.0	50.00	0	97.4	0	200				
Trichloroethene	52.0	5.0	50.00	0	103.9	81	111				
Trichlorofluoromethane	46.4	5.0	50.00	0	92.8	0	200				
Vinyl acetate	51.2	50.0	50.00	0	102.4	0	200				
Vinyl chloride	43.3	2.0	50.00	0	86.7	0	200				
Surr: 1,2-Dichloroethane-d4	52.2		50.00		104.4	72.2	131				
Surr: 4-Bromofluorobenzene	51.1		50.00		102.2	82.1	116				
Surr: Dibromofluoromethane	53.3		50.00		106.5	77.7	120				
Surr: Toluene-d8	49.3		50.00		98.5	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCSD-G101018-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764314</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.8	5.0	50.00	0	101.5	0	200	49.11	3.32	20	
1,1,1-Trichloroethane	53.0	5.0	50.00	0	105.9	85.6	124	51.99	1.85	20	
1,1,2,2-Tetrachloroethane	50.1	5.0	50.00	0	100.2	0	200	49.45	1.27	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	54.6	5.0	50.00	0	109.3	0	200	53.02	3.01	20	
1,1,2-Trichloroethane	49.7	5.0	50.00	0	99.5	0	200	48.97	1.54	20	
1,1-Dichloro-2-propanone	122	50.0	125.0	0	97.9	0	200	126.3	3.16	20	
1,1-Dichloroethane	52.3	5.0	50.00	0	104.6	0	200	50.33	3.80	20	
1,1-Dichloroethene	49.5	5.0	50.00	0	99.0	60.1	131	48.79	1.42	20	
1,1-Dichloropropene	52.4	5.0	50.00	0	104.7	0	200	51.13	2.36	20	
1,2,3-Trichlorobenzene	56.3	5.0	50.00	0	112.5	0	200	55.06	2.17	20	
1,2,3-Trichloropropane	50.1	10	50.00	0	100.2	0	200	51.01	1.84	20	
1,2,3-Trimethylbenzene	49.1	5.0	50.00	0	98.2	0	200	47.85	2.56	20	
1,2,4-Trichlorobenzene	56.9	5.0	50.00	0	113.9	0	200	56.19	1.31	20	
1,2,4-Trimethylbenzene	51.1	5.0	50.00	0	102.2	0	200	49.71	2.74	20	
1,2-Dibromo-3-chloropropane	50.2	5.0	50.00	0	100.5	0	200	51.28	2.05	20	
1,2-Dibromoethane	51.4	5.0	50.00	0	102.9	86.9	119	50.43	1.98	20	
1,2-Dichlorobenzene	50.0	5.0	50.00	0	99.9	88	119	49.31	1.31	20	
1,2-Dichloroethane	53.4	5.0	50.00	0	106.8	73	117	52.02	2.60	20	
1,2-Dichloropropane	51.6	5.0	50.00	0	103.3	0	200	49.04	5.15	20	
1,3,5-Trimethylbenzene	50.2	5.0	50.00	0	100.5	0	200	49.20	2.11	20	
1,3-Dichlorobenzene	50.6	5.0	50.00	0	101.2	85.8	125	49.64	1.92	20	
1,3-Dichloropropane	49.8	5.0	50.00	0	99.6	0	200	48.63	2.38	20	
1,4-Dichlorobenzene	50.7	5.0	50.00	0	101.4	84.5	124	50.05	1.29	20	
1-Chlorobutane	48.8	5.0	50.00	0	97.6	0	200	47.02	3.76	20	
2,2-Dichloropropane	51.5	5.0	50.00	0	103.1	0	200	50.08	2.85	20	
2-Butanone	154	50.0	125.0	0	123.6	45.3	136	162.5	5.07	20	
2-Chlorotoluene	49.6	5.0	50.00	0	99.3	0	200	48.30	2.74	20	
2-Hexanone	136	50.0	125.0	0	108.6	0	200	142.7	4.93	20	
2-Nitropropane	51.8	50.0	50.00	0	103.5	0	200	53.78	3.85	20	
4-Chlorotoluene	50.3	5.0	50.00	0	100.6	0	200	49.28	2.07	20	
4-Methyl-2-pentanone	130	50.0	125.0	0	104.3	0	200	132.2	1.42	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-D-G101018-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>					Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764314</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	201	50.0	125.0	0	160.8	0	200	215.2	6.81	20	
Acrylonitrile	47.9	10	50.00	0	95.8	0	200	48.12	0.479	20	
Allyl chloride	52.1	5.0	50.00	0	104.1	0	200	51.96	0.211	20	
Benzene	51.0	1.0	50.00	0	101.9	73.9	109	49.66	2.58	20	
Bromobenzene	49.9	5.0	50.00	0	99.8	0	200	49.42	0.926	20	
Bromochloromethane	52.4	5.0	50.00	0	104.8	0	200	50.67	3.34	20	
Bromodichloromethane	52.9	5.0	50.00	0	105.9	91.3	126	51.46	2.84	20	
Bromoform	52.1	5.0	50.00	0	104.3	0	200	51.71	0.809	20	
Bromomethane	42.2	10	50.00	0	84.4	0	200	41.93	0.618	20	
Carbon disulfide	50.6	5.0	50.00	0	101.3	0	200	49.60	2.06	20	
Carbon tetrachloride	53.6	5.0	50.00	0	107.2	83.3	127	52.78	1.52	20	
Chlorobenzene	51.0	5.0	50.00	0	102.0	85.8	116	49.51	2.98	20	
Chloroethane	46.0	10	50.00	0	92.0	0	200	44.46	3.36	20	
Chloroform	53.4	5.0	50.00	0	106.8	80	113	51.84	2.95	20	
Chloromethane	35.1	10	50.00	0	70.2	0	200	34.84	0.772	20	
cis-1,2-Dichloroethene	52.3	5.0	50.00	0	104.6	0	200	50.58	3.38	20	
cis-1,3-Dichloropropene	52.7	4.0	50.00	0	105.4	0	200	51.06	3.18	20	
Cyclohexanone	286	100	250.0	0	114.3	0	200	305.6	6.72	20	
Dibromochloromethane	50.5	5.0	50.00	0	101.1	89.1	119	50.26	0.556	20	
Dibromomethane	52.0	5.0	50.00	0	104.0	0	200	50.86	2.20	20	
Dichlorodifluoromethane	28.4	10	50.00	0	56.7	0	200	27.92	1.56	20	
Ethyl acetate	50.5	50.0	50.00	0	101.0	0	200	52.13	3.14	20	
Ethyl ether	52.1	5.0	50.00	0	104.1	0	200	50.98	2.10	20	
Ethyl methacrylate	47.2	5.0	50.00	0	94.4	0	200	46.89	0.638	20	
Ethylbenzene	50.7	5.0	50.00	0	101.4	84.1	115	49.04	3.35	20	
Heptane	53.0	20.0	50.00	0	105.9	0	200	53.59	1.20	20	
Hexachlorobutadiene	55.1	5.0	50.00	0	110.2	0	200	54.35	1.37	20	
Hexachloroethane	48.4	5.0	50.00	0	96.7	0	200	47.39	2.01	20	
Iodomethane	61.3	10	50.00	0	122.7	0	200	57.41	6.62	20	
Isopropylbenzene	50.4	5.0	50.00	0	100.9	0	200	49.29	2.31	20	
m,p-Xylenes	101	5.0	100.0	0	100.8	79.1	111	98.00	2.87	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>LCS-D-G101018-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764314</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50	50.0	50.00	0	100	0	200	50.06	0	20	J
Methyl Methacrylate	48.5	5.0	50.00	0	97.0	0	200	49.30	1.66	20	
Methyl tert-butyl ether	52.0	2.0	50.00	0	104.0	80	128	50.89	2.16	20	
Methylacrylate	51.1	10	50.00	0	102.2	0	200	52.35	2.46	20	
Methylene chloride	50.1	5.0	50.00	0	100.3	73.9	116	48.70	2.91	20	
Naphthalene	52.8	10	50.00	0	105.5	73.1	135	53.08	0.605	20	
n-Butylbenzene	52.3	5.0	50.00	0	104.5	0	200	51.97	0.556	20	
n-Hexane	52.6	20.0	50.00	0	105.3	0	200	51.53	2.15	20	
Nitrobenzene	50	100	50.00	0	100.2	0	200	60.18	0	20	J
n-Propylbenzene	50.1	5.0	50.00	0	100.2	0	200	49.02	2.18	20	
o-Xylene	48.5	5.0	50.00	0	97.1	82	117	47.07	3.05	20	
Pentachloroethane	52.3	5.0	50.00	0	104.5	0	200	51.35	1.76	20	
p-Isopropyltoluene	50.2	5.0	50.00	0	100.5	0	200	48.81	2.89	20	
Propionitrile	50.6	50.0	50.00	0	101.3	0	200	54.43	7.21	20	
sec-Butylbenzene	51.1	5.0	50.00	0	102.1	0	200	50.09	1.92	20	
Styrene	50.2	5.0	50.00	0	100.3	0	200	49.11	2.10	20	
tert-Butylbenzene	49.1	5.0	50.00	0	98.1	0	200	47.58	3.06	20	
Tetrachloroethene	50.5	5.0	50.00	0	100.9	74.6	115	49.87	1.18	20	
Tetrahydrofuran	50	50.0	50.00	0	99.6	0	200	50.84	0	20	J
Toluene	49.4	5.0	50.00	0	98.8	79.1	112	48.03	2.81	20	
trans-1,2-Dichloroethene	53.3	5.0	50.00	0	106.6	0	200	51.67	3.09	20	
trans-1,3-Dichloropropene	49.4	4.0	50.00	0	98.8	0	200	48.68	1.43	20	
Trichloroethene	52.8	5.0	50.00	0	105.6	81	111	51.96	1.62	20	
Trichlorofluoromethane	48.1	5.0	50.00	0	96.2	0	200	46.42	3.55	20	
Vinyl acetate	51.6	50.0	50.00	0	103.2	0	200	51.20	0.778	20	
Vinyl chloride	44.0	2.0	50.00	0	88.0	0	200	43.33	1.56	20	
Surr: 1,2-Dichloroethane-d4	51.0		50.00		102.1	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.3		50.00		100.6	82.1	116		0	20	
Surr: Dibromofluoromethane	52.4		50.00		104.9	77.7	120		0	20	
Surr: Toluene-d8	49.5		50.00		99.1	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Sample ID: <b>MBLK-G101018-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764315</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100541

Report Date: 27-Oct-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MBLK-G101018-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>		Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>						
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>		Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764315</b>						
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	2.0	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	52.6		50.00		105.2	72.2	131				
Surr: 4-Bromofluorobenzene	50.8		50.00		101.7	82.1	116				
Surr: Dibromofluoromethane	52.5		50.00		105.0	77.7	120				
Surr: Toluene-d8	49.8		50.00		99.7	86	116				

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10100541

**Report Date:** 27-Oct-10

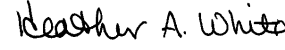
Carrier: Sean Spinner

Received By: DB

Completed by:



Reviewed by:



On:

On:

13-Oct-10

14-Oct-10

Dawn Brantley

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 - 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

1010 0541

COC Serial No. **B** 09942

Project Name: AMENEN CHAMPAIN Project Mgr.: P. SARAZAMA

Project Number: 624-0908-0120 Cost Code: J000

Sampler(s): J. Crompton

Laboratory Name: Teklab

Location: Collinsville

Sample Number and (depth)	Date	Time	Matrix			
			Soil	Water	Air	Wipes
P6 - A4.5 - W (3)	10-12-10	1410	X			
P6 - A4.5 - W (8)		1420	X			
P6 - A4.5 - W (20)		1433	X			
P6 - A5.5 - W (3)		1455	X			
P6 - A5.5 - W (8)		1505	X			

Analyses by Method Name and Number	Total Number of Containers	
	Soil	Water
VOCs 8260	X	X
SVOCs 8270	X	X
SVOCs 8270 SMS	X	X
PCRA Metals	X	X
Total + Amenable Cyanide	X	X
PCBs	X	X
Pesticides (Agricultural)	X	X

Comments (Field PID)	Lab ID #'s
	100054
	001
	002
	003
	004
Teklab, Inc.	005

**Courier Pick Up**

Laboratory Temperature upon Receipt  
3.6

### Samples Iced:

Preservatives (ONLY for Water Samples)

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

Yes  No

### Lab Directives:

Requested TAT:  Rush  5 Days  STD  Other

Fax and/or Mail Results to: P. Sarazama AMU L. HERRICK

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

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

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

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

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

### Shipping:

Carrier / Airbill No.	
-----------------------	--

### Relinquished by:

Signature	Date	Time
	10/13/10	11:00
	10/13/10	1450

### Received by:

Signature	Date	Time
	10/13/10	11:00
	10/13/10	1450

October 20, 2010

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



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

**WorkOrder:** 10100541

Dear Pete Sazama:

TEKLAB, INC received 5 samples on 10/13/2010 2:50:00 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,

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

**LabOrder:** 10100541

**Report Date:** 20-Oct-10

**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

## 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:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100541

**Client Sample ID:** P6-A4.5-W (3)

**Lab ID:** 10100541-001

**Collection Date:** 10/12/2010 2:10:00 PM

**Report Date:** 20-Oct-10

**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		22.8	%	1	10/14/2010 1:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		77.2	%	1	10/14/2010 1:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.31	J	1.4	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
Barium	NELAP	0.46		150	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
Cadmium	NELAP	0.19		1.12	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
Chromium	NELAP	0.93		26.7	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
Lead	NELAP	3.70		16.9	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
Selenium	NELAP	3.70		< 3.70	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	10/15/2010 1:02:03 PM	JMW
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>								
4,4'-DDD	NELAP	6.50	R	ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
4,4'-DDE	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
4,4'-DDT	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Alachlor	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Aldrin	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
alpha-BHC	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
alpha-Chlordane	NELAP	6.50	R	ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
beta-BHC	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Chlordane	NELAP	13.0		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
delta-BHC	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Dieldrin	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Endosulfan I	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Endosulfan II	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Endosulfan sulfate	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Endrin	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Endrin aldehyde	NELAP	6.50	R	ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Endrin ketone	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
gamma-BHC	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
gamma-Chlordane	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Heptachlor	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Heptachlor epoxide	NELAP	6.50		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Methoxychlor	NELAP	6.50	R	ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Toxaphene	NELAP	117		ND	µg/Kg-dry	1	10/18/2010 11:02:00 PM	MAV
Surr: Decachlorobiphenyl		48-149		116.2	%REC	1	10/18/2010 11:02:00 PM	MAV
Surr: Tetrachloro-m-xylene		19-145		88.2	%REC	1	10/18/2010 11:02:00 PM	MAV

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

# 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:** 10100541  
**Lab ID:** 10100541-001  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (3)  
**Collection Date:** 10/12/2010 2:10:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								
Aroclor 1016	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Aroclor 1221	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Aroclor 1232	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Aroclor 1242	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Aroclor 1248	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Aroclor 1254	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Aroclor 1260	NELAP	146		ND	µg/Kg-dry	1	10/19/2010 10:47:00 AM	MAV
Surr: Decachlorobiphenyl		5-156		101.2	%REC	1	10/19/2010 10:47:00 AM	MAV
Surr: Tetrachloro-meta-xylene		7.35-123		72.0	%REC	1	10/19/2010 10:47:00 AM	MAV
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.110		17.6	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Acenaphthylene	NELAP	0.110		1.64	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Anthracene	NELAP	0.110		8.84	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Benzo(a)anthracene	NELAP	0.110		4.11	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Benzo(a)pyrene	NELAP	0.110		3.81	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.110		2.96	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.110		1.67	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.110		0.868	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	2.17		ND	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Chrysene	NELAP	0.110		4.11	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.110		0.419	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Fluoranthene	NELAP	0.110		9.92	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Fluorene	NELAP	0.110		9.20	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.110		1.28	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Naphthalene	NELAP	0.110		4.57	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Phenanthrene	NELAP	0.110		29.5	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Pyrene	NELAP	0.110		13.6	mg/Kg-dry	25	10/15/2010 3:50:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		76.0	%REC	25	10/15/2010 3:50:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		79.5	%REC	25	10/15/2010 3:50:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		85.7	%REC	25	10/15/2010 3:50:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
1,2-Dichlorobenzene	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
1,3-Dichlorobenzene	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
1,4-Dichlorobenzene	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2,4-Dichlorophenol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 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:** 10100541  
**Lab ID:** 10100541-001  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (3)  
**Collection Date:** 10/12/2010 2:10:00 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-Dimethylphenol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2,4-Dinitrophenol	NELAP	6.47		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2,4-Dinitrotoluene	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2,6-Dinitrotoluene	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2-Chloronaphthalene	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2-Chlorophenol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2-Methoxy-4-methylphenol		4.21		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2-Methylnaphthalene	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2-Nitroaniline	NELAP	6.47		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
2-Nitrophenol	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
3-Nitroaniline	NELAP	6.47		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	6.47		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4-Chloroaniline	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4-Nitroaniline	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
4-Nitrophenol	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Aniline	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Azobenzene		2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Benzidine	NELAP	6.84		see note	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Benzoic acid	NELAP	9.71		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Benzyl alcohol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Butyl benzyl phthalate	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Carbazole		3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Dibenzofuran	NELAP	2.27	J	1.8	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Diethyl phthalate	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Dimethyl phthalate	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Di-n-butyl phthalate	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Di-n-octyl phthalate	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Hexachlorobenzene	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Hexachlorobutadiene	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Hexachloroethane	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 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:** 10100541  
**Lab ID:** 10100541-001  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (3)  
**Collection Date:** 10/12/2010 2:10:00 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>								
Isophorone	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
m,p-Cresol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Nitrobenzene	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
N-Nitrosodimethylamine	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
o-Cresol	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Pentachlorophenol	NELAP	12.9		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Phenol	NELAP	2.27		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Pyridine	NELAP	3.24		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
1,2-Diphenylhydrazine		5.44		ND	mg/Kg-dry	5	10/15/2010 11:07:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		74.9	%REC	5	10/15/2010 11:07:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		80.5	%REC	5	10/15/2010 11:07:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		68.9	%REC	5	10/15/2010 11:07:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		87.7	%REC	5	10/15/2010 11:07:00 AM	DMH
Surr: Phenol-d5		34.9-110		74.8	%REC	5	10/15/2010 11:07:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		86.4	%REC	5	10/15/2010 11:07:00 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	10/15/2010 1:06:00 PM	RWE
1,1,1-Trichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1,2-Trichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1-Dichloro-2-propanone		1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1-Dichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,1-Dichloropropene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2,3-Trichloropropane	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2,3-Trimethylbenzene		120		345	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	120		171	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2-Dibromoethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2-Dichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,2-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	120	J	110	µg/Kg-dry	12.5	10/15/2010 1:06:00 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:** 10100541  
**Lab ID:** 10100541-001  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (3)  
**Collection Date:** 10/12/2010 2:10:00 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>								
1,3-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,3-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1,4-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
1-Chlorobutane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
2,2-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
2-Butanone	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
2-Chlorotoluene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
2-Hexanone	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
2-Nitropropane	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
4-Chlorotoluene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Acetone	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Acrolein	NELAP	2400		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Acrylonitrile	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Allyl chloride	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Benzene	NELAP	24.0		56.6	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Bromobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Bromochloromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Bromodichloromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Bromoform	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Bromomethane	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Carbon disulfide	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Carbon tetrachloride	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Chlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Chloroethane	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Chloroform	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Chloromethane	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	96.0		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Cyclohexanone		2400		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Dibromochloromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Dibromomethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Dichlorodifluoromethane	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Ethyl acetate	NELAP	1200	J	440	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Ethyl ether	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Ethyl methacrylate	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Ethylbenzene	NELAP	120		561	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Heptane		480		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 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:** 10100541  
**Lab ID:** 10100541-001  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (3)  
**Collection Date:** 10/12/2010 2:10:00 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>								
Hexachlorobutadiene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Hexachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Iodomethane	NELAP	240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Isopropylbenzene	NELAP	120	J	110	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
m,p-Xylenes	NELAP	120	J	52	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Methacrylonitrile	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Methyl Methacrylate	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Methyl tert-butyl ether	NELAP	48.0		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Methylacrylate		240		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Methylene chloride	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Naphthalene	NELAP	240		2390	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
n-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
n-Hexane		480		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Nitrobenzene	NELAP	2400		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
n-Propylbenzene	NELAP	120	J	68	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
o-Xylene	NELAP	120		216	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Pentachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
p-Isopropyltoluene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Propionitrile	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
sec-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Styrene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
tert-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Tetrachloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Tetrahydrofuran	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Toluene	NELAP	120	J	44	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	96.0		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Trichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Trichlorofluoromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Vinyl acetate	NELAP	1200		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Vinyl chloride	NELAP	48.0		ND	µg/Kg-dry	12.5	10/15/2010 1:06:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.7	%REC	12.5	10/15/2010 1:06:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.7	%REC	12.5	10/15/2010 1:06:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		98.4	%REC	12.5	10/15/2010 1:06:00 PM	RWE
Surr: Toluene-d8		86-116		102.2	%REC	12.5	10/15/2010 1:06:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		0.038	mg/Kg-dry	1	10/15/2010	MEK
<b><u>SW-846 9012A</u></b>								

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ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-001  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (3)  
**Collection Date:** 10/12/2010 2:10:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.635		<b>0.891</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.65		<b>0.99</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS

### Sample Narrative

SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD

RPD was outside of QC limit due to matrix interference.

Elevated reporting limit due to sample composition.

SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD

Elevated reporting limit due to sample composition.

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

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

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

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.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100541

**Client Sample ID:** P6-A4.5-W (8)

**Lab ID:** 10100541-002

**Collection Date:** 10/12/2010 2:20:00 PM

**Report Date:** 20-Oct-10

**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		12.7	%	1	10/14/2010 1:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.3	%	1	10/14/2010 1:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		6.29	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
Barium	NELAP	0.47		32.9	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
Chromium	NELAP	0.94		18.5	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
Lead	NELAP	3.77		12.7	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
Selenium	NELAP	3.77		< 3.77	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	10/15/2010 1:09:30 PM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.095		3.25	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Acenaphthylene	NELAP	0.095		2.77	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Anthracene	NELAP	0.095		5.49	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Benzo(a)anthracene	NELAP	0.095		3.73	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Benzo(a)pyrene	NELAP	0.095		3.91	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.095		2.75	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.095		1.82	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.095		0.833	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	1.88		ND	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Chrysene	NELAP	0.095		3.74	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.095		0.426	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Fluoranthene	NELAP	0.095		7.05	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Fluorene	NELAP	0.095		6.67	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.095		1.32	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Naphthalene	NELAP	0.095		31.7	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Phenanthrene	NELAP	0.095		17.9	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Pyrene	NELAP	0.095		11.0	mg/Kg-dry	25	10/15/2010 4:27:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		68.2	%REC	25	10/15/2010 4:27:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		67.8	%REC	25	10/15/2010 4:27:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		72.5	%REC	25	10/15/2010 4:27:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
1,2-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
1,3-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
1,4-Dichlorobenzene	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 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:** 10100541  
**Lab ID:** 10100541-002  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (8)  
**Collection Date:** 10/12/2010 2:20:00 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>								
2,4,6-Trichlorophenol	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2,4-Dichlorophenol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2,4-Dimethylphenol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2,4-Dinitrophenol	NELAP	11.2		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2,4-Dinitrotoluene	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2,6-Dinitrotoluene	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2-Chloronaphthalene	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2-Chlorophenol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2-Methoxy-4-methylphenol		7.30		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2-Methylnaphthalene	NELAP	3.93		14.0	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2-Nitroaniline	NELAP	11.2		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
2-Nitrophenol	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
3-Nitroaniline	NELAP	11.2		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	11.2		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4-Chloroaniline	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4-Nitroaniline	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
4-Nitrophenol	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Aniline	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Azobenzene		3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Benzidine	NELAP	11.9		see note	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Benzoic acid	NELAP	16.8		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Benzyl alcohol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Butyl benzyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Carbazole		5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Dibenzofuran	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Diethyl phthalate	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Dimethyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Di-n-butyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Di-n-octyl phthalate	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Hexachlorobenzene	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Hexachlorobutadiene	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH

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## LABORATORY RESULTS

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**Client Sample ID:** P6-A4.5-W (8)  
**Collection Date:** 10/12/2010 2:20:00 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>								
Hexachlorocyclopentadiene	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Hexachloroethane	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Isophorone	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
m,p-Cresol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Nitrobenzene	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
N-Nitrosodimethylamine	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
o-Cresol	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Pentachlorophenol	NELAP	22.5		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Phenol	NELAP	3.93		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Pyridine	NELAP	5.61		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
1,2-Diphenylhydrazine		9.43		ND	mg/Kg-dry	10	10/15/2010 11:39:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		66.3	%REC	10	10/15/2010 11:39:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		69.7	%REC	10	10/15/2010 11:39:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		59.7	%REC	10	10/15/2010 11:39:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		68.6	%REC	10	10/15/2010 11:39:00 AM	DMH
Surr: Phenol-d5		34.9-110		67.5	%REC	10	10/15/2010 11:39:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		71.7	%REC	10	10/15/2010 11:39:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1,1-Trichloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1,2-Trichloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1-Dichloro-2-propanone		6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1-Dichloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1-Dichloroethene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,1-Dichloropropene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2,3-Trichloropropane	NELAP	1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2,3-Trimethylbenzene		616		2840	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	616		1150	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2-Dibromoethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2-Dichlorobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,2-Dichloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-002  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (8)  
**Collection Date:** 10/12/2010 2:20:00 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-Dichloropropane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	616	J	400	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,3-Dichlorobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,3-Dichloropropane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1,4-Dichlorobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
1-Chlorobutane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
2,2-Dichloropropane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
2-Butanone	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
2-Chlorotoluene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
2-Hexanone	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
2-Nitropropane	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
4-Chlorotoluene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
4-Methyl-2-pentanone	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Acetone	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Acrolein	NELAP	12300		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Acrylonitrile	NELAP	1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Allyl chloride	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Benzene	NELAP	123		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Bromobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Bromochloromethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Bromodichloromethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Bromoform	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Bromomethane	NELAP	1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Carbon disulfide	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Carbon tetrachloride	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Chlorobenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Chloroethane	NELAP	1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Chloroform	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Chloromethane	NELAP	1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	492		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Cyclohexanone		12300		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Dibromochloromethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Dibromomethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Dichlorodifluoromethane	NELAP	1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Ethyl acetate	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Ethyl ether	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Ethyl methacrylate	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE

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Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethylbenzene	NELAP	616		1500	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Heptane		2460		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Hexachlorobutadiene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Hexachloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Iodomethane	NELAP	1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Isopropylbenzene	NELAP	616	J	400	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
m,p-Xylenes	NELAP	616	J	160	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Methacrylonitrile	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Methyl Methacrylate	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Methyl tert-butyl ether	NELAP	246		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Methylacrylate		1230		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Methylene chloride	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Naphthalene	NELAP	24600		139000	µg/Kg-dry	1000	10/15/2010 1:35:00 PM	RWE
n-Butylbenzene	NELAP	616	J	450	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
n-Hexane		2460		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Nitrobenzene	NELAP	12300		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
n-Propylbenzene	NELAP	616	J	480	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
o-Xylene	NELAP	616		1540	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Pentachloroethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
p-Isopropyltoluene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Propionitrile	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
sec-Butylbenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Styrene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
tert-Butylbenzene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Tetrachloroethene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Tetrahydrofuran	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Toluene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	492		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Trichloroethene	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Trichlorofluoromethane	NELAP	616		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Vinyl acetate	NELAP	6160		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Vinyl chloride	NELAP	246		ND	µg/Kg-dry	50	10/14/2010 1:19:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		104.5	%REC	50	10/14/2010 1:19:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		100.6	%REC	50	10/14/2010 1:19:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		101.1	%REC	50	10/14/2010 1:19:00 PM	RWE
Surr: Toluene-d8		86-116		100.4	%REC	50	10/14/2010 1:19:00 PM	RWE

**SW-846 7471A**

## 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:** 10100541  
**Lab ID:** 10100541-002  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (8)  
**Collection Date:** 10/12/2010 2:20:00 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	10/15/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.567		<b>&lt; 0.567</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.57	J	<b>0.25</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS

### Sample Narrative

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

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

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

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

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100541

**Client Sample ID:** P6-A4.5-W (20)

**Lab ID:** 10100541-003

**Collection Date:** 10/12/2010 2:33:00 PM

**Report Date:** 20-Oct-10

**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		12.1	%	1	10/14/2010 1:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.9	%	1	10/14/2010 1:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.27		4.02	mg/Kg-dry	1	10/15/2010 9:34:34 PM	JMW
Barium	NELAP	0.45		18.0	mg/Kg-dry	1	10/15/2010 9:34:34 PM	JMW
Cadmium	NELAP	0.18		< 0.18	mg/Kg-dry	1	10/15/2010 9:34:34 PM	JMW
Chromium	NELAP	0.91		12.0	mg/Kg-dry	1	10/15/2010 9:34:34 PM	JMW
Lead	NELAP	3.64		8.82	mg/Kg-dry	1	10/15/2010 9:34:34 PM	JMW
Selenium	NELAP	3.64		< 3.64	mg/Kg-dry	1	10/18/2010 10:51:13 AM	JMW
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	10/15/2010 9:34:34 PM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.071	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Acenaphthylene	NELAP	0.004		0.038	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Anthracene	NELAP	0.004		0.058	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		0.045	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		0.052	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		0.044	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		0.042	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		0.012	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Chrysene	NELAP	0.004		0.036	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		0.009	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Fluoranthene	NELAP	0.004		0.081	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Fluorene	NELAP	0.004		0.055	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.028	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Naphthalene	NELAP	0.004		0.206	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Phenanthrene	NELAP	0.004		0.181	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Pyrene	NELAP	0.004		0.125	mg/Kg-dry	1	10/15/2010 5:03:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		72.1	%REC	1	10/15/2010 5:03:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		84.6	%REC	1	10/15/2010 5:03:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		83.0	%REC	1	10/15/2010 5:03:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 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:** 10100541  
**Lab ID:** 10100541-003  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (20)  
**Collection Date:** 10/12/2010 2:33:00 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>								
2,4,6-Trichlorophenol	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2-Chloronaphthalene	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2-Chlorophenol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2-Methoxy-4-methylphenol		0.730		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2-Methylnaphthalene	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
2-Nitrophenol	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4-Chloroaniline	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4-Nitroaniline	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
4-Nitrophenol	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Aniline	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Azobenzene		0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Benzidine	NELAP	1.19		see note	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Benzoic acid	NELAP	1.69		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Benzyl alcohol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Carbazole		0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Dibenzofuran	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Diethyl phthalate	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Dimethyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Hexachlorobenzene	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Hexachlorobutadiene	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 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:** 10100541  
**Lab ID:** 10100541-003  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (20)  
**Collection Date:** 10/12/2010 2:33:00 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>								
Hexachlorocyclopentadiene	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Hexachloroethane	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Isophorone	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
m,p-Cresol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Nitrobenzene	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
o-Cresol	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Pentachlorophenol	NELAP	2.25		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Phenol	NELAP	0.393		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Pyridine	NELAP	0.562		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
1,2-Diphenylhydrazine		0.944		ND	mg/Kg-dry	1	10/15/2010 12:11:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		76.2	%REC	1	10/15/2010 12:11:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		79.5	%REC	1	10/15/2010 12:11:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		74.7	%REC	1	10/15/2010 12:11:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		82.1	%REC	1	10/15/2010 12:11:00 PM	DMH
Surr: Phenol-d5		34.9-110		78.2	%REC	1	10/15/2010 12:11:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		84.6	%REC	1	10/15/2010 12:11:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1,1-Trichloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1,2-Trichloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1-Dichloro-2-propanone		465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1-Dichloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1-Dichloroethene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,1-Dichloropropene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2,3-Trichloropropane	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2,3-Trimethylbenzene		46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2-Dibromoethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2-Dichlorobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,2-Dichloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 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:** 10100541  
**Lab ID:** 10100541-003  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (20)  
**Collection Date:** 10/12/2010 2:33:00 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-Dichloropropane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,3-Dichlorobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,3-Dichloropropane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1,4-Dichlorobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
1-Chlorobutane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
2,2-Dichloropropane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
2-Butanone	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
2-Chlorotoluene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
2-Hexanone	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
2-Nitropropane	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
4-Chlorotoluene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
4-Methyl-2-pentanone	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Acetone	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Acrolein	NELAP	930		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Acrylonitrile	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Allyl chloride	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Benzene	NELAP	9.3		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Bromobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Bromochloromethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Bromodichloromethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Bromoform	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Bromomethane	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Carbon disulfide	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Carbon tetrachloride	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Chlorobenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Chloroethane	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Chloroform	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Chloromethane	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	37.2		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Cyclohexanone		930		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Dibromochloromethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Dibromomethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Dichlorodifluoromethane	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Ethyl acetate	NELAP	465	J	180	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Ethyl ether	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Ethyl methacrylate	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 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:** 10100541  
**Lab ID:** 10100541-003  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (20)  
**Collection Date:** 10/12/2010 2:33:00 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>								
Ethylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Heptane		186		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Hexachlorobutadiene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Hexachloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Iodomethane	NELAP	93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Isopropylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
m,p-Xylenes	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Methacrylonitrile	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Methyl Methacrylate	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Methyl tert-butyl ether	NELAP	18.6		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Methylacrylate		93.0		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Methylene chloride	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Naphthalene	NELAP	93.0		116	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
n-Butylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
n-Hexane		186		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Nitrobenzene	NELAP	930		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
n-Propylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
o-Xylene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Pentachloroethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
p-Isopropyltoluene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Propionitrile	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
sec-Butylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Styrene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
tert-Butylbenzene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Tetrachloroethene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Tetrahydrofuran	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Toluene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	37.2		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Trichloroethene	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Trichlorofluoromethane	NELAP	46.5		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Vinyl acetate	NELAP	465		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Vinyl chloride	NELAP	18.6		ND	µg/Kg-dry	12.5	10/14/2010 1:48:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.4	%REC	12.5	10/14/2010 1:48:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		101.8	%REC	12.5	10/14/2010 1:48:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.5	%REC	12.5	10/14/2010 1:48:00 PM	RWE
Surr: Toluene-d8		86-116		109.7	%REC	12.5	10/14/2010 1:48:00 PM	RWE

**SW-846 7471A**

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-003  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A4.5-W (20)  
**Collection Date:** 10/12/2010 2:33:00 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	10/15/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.569		<b>&lt; 0.569</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.57		<b>&lt; 0.57</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS

### Sample Narrative

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

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

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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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100541

**Client Sample ID:** P6-A5.5-W (3)

**Lab ID:** 10100541-004

**Collection Date:** 10/12/2010 2:55:00 PM

**Report Date:** 20-Oct-10

**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	10/14/2010 1:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		76.0	%	1	10/14/2010 1:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.27		15.1	mg/Kg-dry	1	10/15/2010 9:40:11 PM	JMW
Barium	NELAP	0.45		179	mg/Kg-dry	1	10/15/2010 9:40:11 PM	JMW
Cadmium	NELAP	0.18		0.88	mg/Kg-dry	1	10/15/2010 9:40:11 PM	JMW
Chromium	NELAP	0.91		16.6	mg/Kg-dry	1	10/15/2010 9:40:11 PM	JMW
Lead	NELAP	3.64		19.6	mg/Kg-dry	1	10/15/2010 9:40:11 PM	JMW
Selenium	NELAP	3.64		< 3.64	mg/Kg-dry	1	10/18/2010 10:56:49 AM	JMW
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	10/15/2010 9:40:11 PM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.111		0.726	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Acenaphthylene	NELAP	0.111		0.303	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Anthracene	NELAP	0.111		0.417	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Benzo(a)anthracene	NELAP	0.111		0.273	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Benzo(a)pyrene	NELAP	0.111		0.363	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.111		0.288	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.111		0.296	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.111		ND	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	2.19		ND	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Chrysene	NELAP	0.111		0.179	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.111		ND	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Fluoranthene	NELAP	0.111		0.436	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Fluorene	NELAP	0.111		0.513	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.111		0.201	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Naphthalene	NELAP	0.111		0.208	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Phenanthrene	NELAP	0.111		1.60	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Pyrene	NELAP	0.111		0.731	mg/Kg-dry	25	10/15/2010 5:40:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		77.6	%REC	25	10/15/2010 5:40:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		79.2	%REC	25	10/15/2010 5:40:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		89.4	%REC	25	10/15/2010 5:40:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
1,2-Dichlorobenzene	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
1,3-Dichlorobenzene	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
1,4-Dichlorobenzene	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100541  
**Lab ID:** 10100541-004  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (3)  
**Collection Date:** 10/12/2010 2:55:00 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>								
2,4,6-Trichlorophenol	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2,4-Dichlorophenol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2,4-Dimethylphenol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2,4-Dinitrophenol	NELAP	6.55		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2,4-Dinitrotoluene	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2,6-Dinitrotoluene	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2-Chloronaphthalene	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2-Chlorophenol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2-Methoxy-4-methylphenol		4.26		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2-Methylnaphthalene	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2-Nitroaniline	NELAP	6.55		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
2-Nitrophenol	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
3-Nitroaniline	NELAP	6.55		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	6.55		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4-Chloroaniline	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4-Nitroaniline	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
4-Nitrophenol	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Aniline	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Azobenzene		2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Benzidine	NELAP	6.91		see note	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Benzoic acid	NELAP	9.82		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Benzyl alcohol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Butyl benzyl phthalate	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Carbazole		3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Dibenzofuran	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Diethyl phthalate	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Dimethyl phthalate	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Di-n-butyl phthalate	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Di-n-octyl phthalate	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Hexachlorobenzene	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Hexachlorobutadiene	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH

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## LABORATORY RESULTS

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**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>								
Hexachlorocyclopentadiene	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Hexachloroethane	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Isophorone	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
m,p-Cresol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Nitrobenzene	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
N-Nitrosodimethylamine	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
o-Cresol	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Pentachlorophenol	NELAP	13.1		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Phenol	NELAP	2.29		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Pyridine	NELAP	3.27		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
1,2-Diphenylhydrazine		5.50		ND	mg/Kg-dry	5	10/15/2010 1:48:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		69.6	%REC	5	10/15/2010 1:48:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		64.4	%REC	5	10/15/2010 1:48:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		62.2	%REC	5	10/15/2010 1:48:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		73.1	%REC	5	10/15/2010 1:48:00 PM	DMH
Surr: Phenol-d5		34.9-110		67.9	%REC	5	10/15/2010 1:48:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		77.2	%REC	5	10/15/2010 1:48:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1-Dichloro-2-propanone		51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1-Dichloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1-Dichloroethene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,1-Dichloropropene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2,3-Trimethylbenzene		5.2		109	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.2		29.5	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2-Dibromoethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,2-Dichloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 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:** 10100541  
**Lab ID:** 10100541-004  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (3)  
**Collection Date:** 10/12/2010 2:55:00 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-Dichloropropane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.2		30.9	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,3-Dichloropropane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
1-Chlorobutane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
2,2-Dichloropropane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
2-Butanone	NELAP	51.5	J	13	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
2-Chlorotoluene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
2-Hexanone	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
2-Nitropropane	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
4-Chlorotoluene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
4-Methyl-2-pentanone	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Acetone	NELAP	51.5		98.0	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Acrolein	NELAP	103		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Acrylonitrile	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Allyl chloride	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Benzene	NELAP	1.0		5.2	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Bromobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Bromochloromethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Bromodichloromethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Bromoform	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Bromomethane	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Carbon disulfide	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Carbon tetrachloride	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Chlorobenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Chloroethane	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Chloroform	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Chloromethane	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Cyclohexanone		103		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Dibromochloromethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Dibromomethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Dichlorodifluoromethane	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Ethyl acetate	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Ethyl ether	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Ethyl methacrylate	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 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:** 10100541  
**Lab ID:** 10100541-004  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (3)  
**Collection Date:** 10/12/2010 2:55:00 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>								
Ethylbenzene	NELAP	5.2		65.2	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Heptane		20.6		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Hexachlorobutadiene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Hexachloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Iodomethane	NELAP	10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Isopropylbenzene	NELAP	5.2		26.1	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
m,p-Xylenes	NELAP	5.2		7.2	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Methacrylonitrile	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Methyl Methacrylate	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.1		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Methylacrylate		10.3		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Methylene chloride	NELAP	5.2	J	1.9	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Naphthalene	NELAP	10.3		115	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
n-Butylbenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
n-Hexane		20.6		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Nitrobenzene	NELAP	103		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
n-Propylbenzene	NELAP	5.2		12.0	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
o-Xylene	NELAP	5.2		44.9	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Pentachloroethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
p-Isopropyltoluene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Propionitrile	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
sec-Butylbenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Styrene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
tert-Butylbenzene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Tetrachloroethene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Tetrahydrofuran	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Toluene	NELAP	5.2		5.4	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Trichloroethene	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Trichlorofluoromethane	NELAP	5.2		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Vinyl acetate	NELAP	51.5		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Vinyl chloride	NELAP	2.1		ND	µg/Kg-dry	1	10/18/2010 1:05:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.9	%REC	1	10/18/2010 1:05:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		96.5	%REC	1	10/18/2010 1:05:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		104.9	%REC	1	10/18/2010 1:05:00 PM	RWE
Surr: Toluene-d8		86-116		105.6	%REC	1	10/18/2010 1:05:00 PM	RWE

**SW-846 7471A**

## 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:** 10100541  
**Lab ID:** 10100541-004  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (3)  
**Collection Date:** 10/12/2010 2:55:00 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>0.022</b>	mg/Kg-dry	1	10/15/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.658	J	<b>0.36</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.66	J	<b>0.39</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS

### Sample Narrative

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

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

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

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.

## 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:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100541

**Client Sample ID:** P6-A5.5-W (8)

**Lab ID:** 10100541-005

**Collection Date:** 10/12/2010 3:05:00 PM

**Report Date:** 20-Oct-10

**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		17.3	%	1	10/14/2010 1:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		82.7	%	1	10/14/2010 1:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.27		5.09	mg/Kg-dry	1	10/15/2010 9:46:12 PM	JMW
Barium	NELAP	0.45		61.6	mg/Kg-dry	1	10/15/2010 9:46:12 PM	JMW
Cadmium	NELAP	0.18		< 0.18	mg/Kg-dry	1	10/15/2010 9:46:12 PM	JMW
Chromium	NELAP	0.91		12.4	mg/Kg-dry	1	10/15/2010 9:46:12 PM	JMW
Lead	NELAP	3.64		10.5	mg/Kg-dry	1	10/15/2010 9:46:12 PM	JMW
Selenium	NELAP	3.64		< 3.64	mg/Kg-dry	1	10/18/2010 11:13:20 AM	JMW
Silver	NELAP	0.50		0.62	mg/Kg-dry	1	10/15/2010 9:46:12 PM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004	S	0.375	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Acenaphthylene	NELAP	0.004	S	0.358	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Anthracene	NELAP	0.004	S	0.297	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004		0.144	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		0.161	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.124	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.081	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.039	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.080	S	ND	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Chrysene	NELAP	0.004		0.149	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		0.020	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Fluoranthene	NELAP	0.004	S	0.332	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Fluorene	NELAP	0.004	S	0.348	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.062	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Naphthalene	NELAP	0.041		3.78	mg/Kg-dry	10	10/17/2010 2:04:00 PM	DMH
Phenanthrene	NELAP	0.004	S	1.02	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Pyrene	NELAP	0.004	S	0.489	mg/Kg-dry	1	10/14/2010 6:13:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		72.5	%REC	1	10/14/2010 6:13:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		82.3	%REC	1	10/14/2010 6:13:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		81.5	%REC	1	10/14/2010 6:13:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 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:** 10100541  
**Lab ID:** 10100541-005  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (8)  
**Collection Date:** 10/12/2010 3:05:00 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>								
2,4,6-Trichlorophenol	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.20		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2-Chloronaphthalene	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2-Chlorophenol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2-Methoxy-4-methylphenol		0.780		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2-Methylnaphthalene	NELAP	0.420	J	0.31	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2-Nitroaniline	NELAP	1.20		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
2-Nitrophenol	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
3-Nitroaniline	NELAP	1.20		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.20		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4-Chloroaniline	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4-Nitroaniline	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
4-Nitrophenol	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Aniline	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Azobenzene		0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Benzidine	NELAP	1.27		see note	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Benzoic acid	NELAP	1.80		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Benzyl alcohol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Carbazole		0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Dibenzofuran	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Diethyl phthalate	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Dimethyl phthalate	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Hexachlorobenzene	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Hexachlorobutadiene	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 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:** 10100541  
**Lab ID:** 10100541-005  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (8)  
**Collection Date:** 10/12/2010 3:05:00 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>								
Hexachlorocyclopentadiene	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Hexachloroethane	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Isophorone	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
m,p-Cresol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Nitrobenzene	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
o-Cresol	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Pentachlorophenol	NELAP	2.40		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Phenol	NELAP	0.420		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Pyridine	NELAP	0.600		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
1,2-Diphenylhydrazine		1.01		ND	mg/Kg-dry	1	10/15/2010 2:20:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		83.2	%REC	1	10/15/2010 2:20:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		71.2	%REC	1	10/15/2010 2:20:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		71.1	%REC	1	10/15/2010 2:20:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		73.6	%REC	1	10/15/2010 2:20:00 PM	DMH
Surr: Phenol-d5		34.9-110		75.0	%REC	1	10/15/2010 2:20:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		79.8	%REC	1	10/15/2010 2:20:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1,1-Trichloroethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1,2-Trichloroethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1-Dichloro-2-propanone		513		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1-Dichloroethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1-Dichloroethene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,1-Dichloropropene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2,3-Trichloropropane	NELAP	103		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2,3-Trimethylbenzene		51.3		900	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	51.3		729	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2-Dibromoethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2-Dichlorobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,2-Dichloroethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 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:** 10100541  
**Lab ID:** 10100541-005  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (8)  
**Collection Date:** 10/12/2010 3:05:00 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-Dichloropropane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,3-Dichlorobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,3-Dichloropropane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1,4-Dichlorobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
1-Chlorobutane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
2,2-Dichloropropane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
2-Butanone	NELAP	513		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
2-Chlorotoluene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
2-Hexanone	NELAP	513		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
2-Nitropropane	NELAP	513		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
4-Chlorotoluene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
4-Methyl-2-pentanone	NELAP	513		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Acetone	NELAP	513		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Acrolein	NELAP	1030		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Acrylonitrile	NELAP	103		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Allyl chloride	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Benzene	NELAP	10.3		27.5	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Bromobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Bromochloromethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Bromodichloromethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Bromoform	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Bromomethane	NELAP	103		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Carbon disulfide	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Carbon tetrachloride	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Chlorobenzene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Chloroethane	NELAP	103		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Chloroform	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Chloromethane	NELAP	103		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	41.0		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Cyclohexanone		1030		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Dibromochloromethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Dibromomethane	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Dichlorodifluoromethane	NELAP	103		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Ethyl acetate	NELAP	513	J	190	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Ethyl ether	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Ethyl methacrylate	NELAP	51.3		ND	µg/Kg-dry	12.5	10/14/2010 2:45:00 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:** 10100541  
**Lab ID:** 10100541-005  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (8)  
**Collection Date:** 10/12/2010 3:05:00 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>								
Ethylbenzene	NELAP	51.3		<b>499</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Heptane		205		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Hexachlorobutadiene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Hexachloroethane	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Iodomethane	NELAP	103		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Isopropylbenzene	NELAP	51.3		<b>79.1</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
m,p-Xylenes	NELAP	51.3		<b>246</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Methacrylonitrile	NELAP	513		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Methyl Methacrylate	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Methyl tert-butyl ether	NELAP	20.5		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Methylacrylate		103		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Methylene chloride	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Naphthalene	NELAP	4100		<b>65100</b>	µg/Kg-dry	250	10/15/2010 3:01:00 PM	RWE
n-Butylbenzene	NELAP	51.3		<b>149</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
n-Hexane		205		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Nitrobenzene	NELAP	1030		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
n-Propylbenzene	NELAP	51.3		<b>258</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
o-Xylene	NELAP	51.3		<b>777</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Pentachloroethane	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
p-Isopropyltoluene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Propionitrile	NELAP	513		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
sec-Butylbenzene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Styrene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
tert-Butylbenzene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Tetrachloroethene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Tetrahydrofuran	NELAP	513		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Toluene	NELAP	51.3	J	<b>32</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	41.0		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Trichloroethene	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Trichlorofluoromethane	NELAP	51.3		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Vinyl acetate	NELAP	513		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Vinyl chloride	NELAP	20.5		<b>ND</b>	µg/Kg-dry	12.5	10/14/2010 2:45:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>101.4</b>	%REC	12.5	10/14/2010 2:45:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		<b>97.7</b>	%REC	12.5	10/14/2010 2:45:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		<b>97.0</b>	%REC	12.5	10/14/2010 2:45:00 PM	RWE
Surr: Toluene-d8		86-116		<b>103.4</b>	%REC	12.5	10/14/2010 2:45:00 PM	RWE

**SW-846 7471A**

## 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:** 10100541  
**Lab ID:** 10100541-005  
**Report Date:** 20-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (8)  
**Collection Date:** 10/12/2010 3:05:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012	J	<b>0.007</b>	mg/Kg-dry	1	10/15/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.605		<b>&lt; 0.605</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.60		<b>&lt; 0.60</b>	mg/Kg-dry	1	10/15/2010 8:02:00 AM	KNS

### Sample Narrative

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

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

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

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

## PRELIMINARY REPORT

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October 28, 2010

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



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

**WorkOrder:** 10100630

Dear Pete Sazama:

TEKLAB, INC received 8 samples on 10/14/2010 6:35:00 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:** A831-735002-012901-225Ameren Champaign 62409080120

**Lab Order:** 10100630

**Report Date:** 28-Oct-10

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10100630-001	P6-B5.5-W (3)	6	10/13/2010 2:25:00 PM
10100630-002	P6-B5.5-W (8)	5	10/13/2010 2:40:00 PM
10100630-003	P6-BC5.5-W (3)	5	10/13/2010 3:00:00 PM
10100630-004	P6-BC5.5-W (8)	5	10/13/2010 3:10:00 PM
10100630-005	P6-C5.5-W (3)	6	10/14/2010 8:00:00 AM
10100630-006	P6-C5.5-W (8)	5	10/14/2010 8:12:00 AM
10100630-007	P6-A5.5-W (21)	5	10/14/2010 3:00:00 PM
10100630-008	P6-B5.5-W (20)	5	10/14/2010 3:14:00 PM

ENVIRONMENTAL TESTING LABORATORY

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**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10100630

**Report Date:** 28-Oct-10

**Cooler Receipt Temp:** 4.2 °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

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10100630

**Lab ID:** 10100630-001

**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch

**Client Sample ID:** P6-B5.5-W (3)

**Collection Date:** 10/13/2010 2:25:00 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		22.4	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		77.6	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.88	mg/Kg-dry	1	10/19/2010 11:55:11 PM	JMW
Barium	NELAP	0.48		114	mg/Kg-dry	1	10/19/2010 11:55:11 PM	JMW
Cadmium	NELAP	0.19		2.05	mg/Kg-dry	1	10/20/2010 11:43:07 AM	LAL
Chromium	NELAP	0.96		24.2	mg/Kg-dry	1	10/19/2010 11:55:11 PM	JMW
Lead	NELAP	3.85		18.5	mg/Kg-dry	1	10/19/2010 11:55:11 PM	JMW
Selenium	NELAP	3.85	J	2.0	mg/Kg-dry	1	10/19/2010 11:55:11 PM	JMW
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	10/19/2010 11:55:11 PM	JMW
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>								
4,4'-DDD	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
4,4'-DDE	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
4,4'-DDT	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Alachlor	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Aldrin	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
alpha-BHC	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
alpha-Chlordane	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
beta-BHC	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Chlordane	NELAP	8.57		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
delta-BHC	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Dieldrin	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Endosulfan I	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Endosulfan II	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Endosulfan sulfate	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Endrin	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Endrin aldehyde	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Endrin ketone	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
gamma-BHC	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
gamma-Chlordane	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Heptachlor	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Heptachlor epoxide	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Methoxychlor	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Toxaphene	NELAP	77.0		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Surr: Decachlorobiphenyl		48-149		116.5	%REC	1	10/19/2010 2:45:00 PM	MAV
Surr: Tetrachloro-m-xylene		19-145		100	%REC	1	10/19/2010 2:45:00 PM	MAV
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-001  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (3)  
**Collection Date:** 10/13/2010 2:25:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								
Aroclor 1016	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Aroclor 1221	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Aroclor 1232	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Aroclor 1242	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Aroclor 1248	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Aroclor 1254	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Aroclor 1260	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Surr: Decachlorobiphenyl		5-156		106.9	%REC	1	10/19/2010 12:25:00 PM	MAV
Surr: Tetrachloro-meta-xylene		7.35-123		79.5	%REC	1	10/19/2010 12:25:00 PM	MAV
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.043		2.39	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Acenaphthylene	NELAP	0.043		2.58	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Anthracene	NELAP	0.043		3.44	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Benzo(a)anthracene	NELAP	0.043		1.72	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Benzo(a)pyrene	NELAP	0.043		1.50	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.043		1.16	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.043		0.648	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.043		0.341	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.848		ND	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Chrysene	NELAP	0.043		1.66	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.043		0.169	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Fluoranthene	NELAP	0.043		4.15	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Fluorene	NELAP	0.043		3.62	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.043		0.517	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Naphthalene	NELAP	0.043		0.050	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Phenanthrene	NELAP	0.043		11.9	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Pyrene	NELAP	0.043		5.98	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		80.9	%REC	10	10/17/2010 6:24:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		85.1	%REC	10	10/17/2010 6:24:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		93.9	%REC	10	10/17/2010 6:24:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-001  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (3)  
**Collection Date:** 10/13/2010 2:25:00 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-Dimethylphenol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2-Chloronaphthalene	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2-Chlorophenol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2-Methoxy-4-methylphenol		0.823		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2-Methylnaphthalene	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2-Nitroaniline	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2-Nitrophenol	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
3-Nitroaniline	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4-Chloroaniline	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4-Nitroaniline	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4-Nitrophenol	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Aniline	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Azobenzene		0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Benzidine	NELAP	1.34		see note	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Benzoic acid	NELAP	1.90		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Benzyl alcohol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Carbazole		0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Dibenzofuran	NELAP	0.443		0.445	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Diethyl phthalate	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Dimethyl phthalate	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Hexachlorobenzene	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Hexachlorobutadiene	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Hexachloroethane	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-001  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (3)  
**Collection Date:** 10/13/2010 2:25:00 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>								
Isophorone	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
m,p-Cresol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Nitrobenzene	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
o-Cresol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Pentachlorophenol	NELAP	2.53		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Phenol	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Pyridine	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
1,2-Diphenylhydrazine		1.06		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		84.5	%REC	1	10/15/2010 10:31:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		66.1	%REC	1	10/15/2010 10:31:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		62.4	%REC	1	10/15/2010 10:31:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		66.8	%REC	1	10/15/2010 10:31:00 PM	DMH
Surr: Phenol-d5		34.9-110		66.8	%REC	1	10/15/2010 10:31:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		76.6	%REC	1	10/15/2010 10:31:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1,1-Trichloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1,2-Trichloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1-Dichloro-2-propanone		1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1-Dichloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1-Dichloroethene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1-Dichloropropene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2,3-Trichloropropane	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2,3-Trimethylbenzene		121		1210	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	121		528	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2-Dibromoethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2-Dichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2-Dichloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2-Dichloropropane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-001  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (3)  
**Collection Date:** 10/13/2010 2:25:00 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>								
1,3-Dichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,3-Dichloropropane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,4-Dichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1-Chlorobutane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
2,2-Dichloropropane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
2-Butanone	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
2-Chlorotoluene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
2-Hexanone	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
2-Nitropropane	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
4-Chlorotoluene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
4-Methyl-2-pentanone	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Acetone	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Acrolein	NELAP	2430		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Acrylonitrile	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Allyl chloride	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Benzene	NELAP	24.3		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Bromobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Bromochloromethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Bromodichloromethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Bromoform	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Bromomethane	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Carbon disulfide	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Carbon tetrachloride	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Chlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Chloroethane	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Chloroform	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Chloromethane	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	97.2		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Cyclohexanone		2430		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Dibromochloromethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Dibromomethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Dichlorodifluoromethane	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Ethyl acetate	NELAP	1210	J	380	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Ethyl ether	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Ethyl methacrylate	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Ethylbenzene	NELAP	121		482	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Heptane		486		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-B5.5-W (3)

**Lab ID:** 10100630-001

**Collection Date:** 10/13/2010 2:25:00 PM

**Report Date:** 28-Oct-10

**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>								
Hexachlorobutadiene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Hexachloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Iodomethane	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Isopropylbenzene	NELAP	121		180	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
m,p-Xylenes	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Methacrylonitrile	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Methyl Methacrylate	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Methyl tert-butyl ether	NELAP	48.6		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Methylacrylate		243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Methylene chloride	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Naphthalene	NELAP	243		590	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
n-Butylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
n-Hexane		486		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Nitrobenzene	NELAP	2430		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
n-Propylbenzene	NELAP	121		130	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
o-Xylene	NELAP	121		420	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Pentachloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
p-Isopropyltoluene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Propionitrile	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
sec-Butylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Styrene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
tert-Butylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Tetrachloroethene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Tetrahydrofuran	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Toluene	NELAP	121	J	58	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	97.2		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Trichloroethene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Trichlorofluoromethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Vinyl acetate	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Vinyl chloride	NELAP	48.6		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.9	%REC	12.5	10/19/2010 11:21:00 AM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		105.3	%REC	12.5	10/19/2010 11:21:00 AM	RWE
Surr: Dibromofluoromethane		77.7-120		100.5	%REC	12.5	10/19/2010 11:21:00 AM	RWE
Surr: Toluene-d8		86-116		106.8	%REC	12.5	10/19/2010 11:21:00 AM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		0.048	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-001  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (3)  
**Collection Date:** 10/13/2010 2:25:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								
2,4,5-T	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
2,4,5-TP (Silvex)	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
2,4-D	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
2,4-DB	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
3,5-Dichlorobenzoic Acid	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
Acifluorfen	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
Bentazon	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
Chloramben	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
Dalapon	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
DCPA	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
Dicamba	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
Dichlorprop	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
Dinoseb	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
Pentachlorophenol	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
Picloram	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 12:23:00 PM	SUB
Surr: DCAA		50-136	S	49.8	%REC	1	10/23/2010 12:23:00 PM	SUB
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.58		Interference	mg/Kg-dry	4	10/21/2010 9:42:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.64	J	0.37	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

SW-846 8151A, Chlorinated Herbicides by GC/ECD

The surrogate recovery for this sample is outside established control limits.

The blank spike recovery was outside acceptance limits. Batch accepted based on acceptable MS/MSD/RPD results.

Analysis performed by Keystone Laboratories, Inc.

SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD

Elevated reporting limit due to sample composition.

SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD

Elevated reporting limit due to sample composition.

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

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

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

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

Elevated reporting limit due to matrix interference.

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-002  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (8)  
**Collection Date:** 10/13/2010 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		25.4	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		74.6	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.27		2.67	mg/Kg-dry	1	10/20/2010 12:01:03 AM	JMW
Barium	NELAP	0.45		73.3	mg/Kg-dry	1	10/20/2010 12:01:03 AM	JMW
Cadmium	NELAP	0.18		1.03	mg/Kg-dry	1	10/20/2010 11:46:01 AM	LAL
Chromium	NELAP	0.91		9.17	mg/Kg-dry	1	10/20/2010 12:01:03 AM	JMW
Lead	NELAP	3.64		10.5	mg/Kg-dry	1	10/20/2010 12:01:03 AM	JMW
Selenium	NELAP	3.64		< 3.64	mg/Kg-dry	1	10/20/2010 12:01:03 AM	JMW
Silver	NELAP	0.50		0.61	mg/Kg-dry	1	10/20/2010 12:01:03 AM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.005		0.435	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Acenaphthylene	NELAP	0.005		0.190	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Anthracene	NELAP	0.005		0.073	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Benzo(a)anthracene	NELAP	0.005		0.018	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Benzo(a)pyrene	NELAP	0.005		0.020	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.005		0.018	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.005		0.015	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.005		0.006	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.089		ND	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Chrysene	NELAP	0.005		0.014	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.005		ND	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Fluoranthene	NELAP	0.005		0.028	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Fluorene	NELAP	0.005		0.307	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.005		0.011	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Naphthalene	NELAP	0.005		0.016	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Phenanthrene	NELAP	0.005		0.490	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Pyrene	NELAP	0.005		0.045	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		73.9	%REC	1	10/17/2010 2:40:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		84.3	%REC	1	10/17/2010 2:40:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		85.8	%REC	1	10/17/2010 2:40:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-002  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (8)  
**Collection Date:** 10/13/2010 2:40:00 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>								
2,4,6-Trichlorophenol	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.33		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2-Chloronaphthalene	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2-Chlorophenol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2-Methoxy-4-methylphenol		0.866		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2-Methylnaphthalene	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2-Nitroaniline	NELAP	1.33		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2-Nitrophenol	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
3-Nitroaniline	NELAP	1.33		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.33		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4-Chloroaniline	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4-Nitroaniline	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4-Nitrophenol	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Aniline	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Azobenzene		0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Benzidine	NELAP	1.41		see note	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Benzoic acid	NELAP	2.00		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Benzyl alcohol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Carbazole		0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Dibenzofuran	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Diethyl phthalate	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Dimethyl phthalate	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Hexachlorobenzene	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Hexachlorobutadiene	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-002  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (8)  
**Collection Date:** 10/13/2010 2:40:00 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>								
Hexachlorocyclopentadiene	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Hexachloroethane	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Isophorone	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
m,p-Cresol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Nitrobenzene	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
o-Cresol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Pentachlorophenol	NELAP	2.66		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Phenol	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Pyridine	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
1,2-Diphenylhydrazine		1.12		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		80.8	%REC	1	10/15/2010 6:45:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		70.6	%REC	1	10/15/2010 6:45:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		71.0	%REC	1	10/15/2010 6:45:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		74.1	%REC	1	10/15/2010 6:45:00 PM	DMH
Surr: Phenol-d5		34.9-110		73.1	%REC	1	10/15/2010 6:45:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		80.4	%REC	1	10/15/2010 6:45:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1,1-Trichloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1,2-Trichloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1-Dichloro-2-propanone		1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1-Dichloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1-Dichloroethene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1-Dichloropropene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2,3-Trichloropropane	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2,3-Trimethylbenzene		124		131	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	124	J	26	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2-Dibromoethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2-Dichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2-Dichloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-002  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (8)  
**Collection Date:** 10/13/2010 2:40:00 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-Dichloropropane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	124	J	38	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,3-Dichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,3-Dichloropropane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,4-Dichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1-Chlorobutane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
2,2-Dichloropropane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
2-Butanone	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
2-Chlorotoluene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
2-Hexanone	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
2-Nitropropane	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
4-Chlorotoluene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Acetone	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Acrolein	NELAP	2470		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Acrylonitrile	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Allyl chloride	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Benzene	NELAP	24.7		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Bromobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Bromochloromethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Bromodichloromethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Bromoform	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Bromomethane	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Carbon disulfide	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Carbon tetrachloride	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Chlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Chloroethane	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Chloroform	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Chloromethane	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	98.9		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Cyclohexanone		2470		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Dibromochloromethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Dibromomethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Dichlorodifluoromethane	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Ethyl acetate	NELAP	1240	J	460	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Ethyl ether	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Ethyl methacrylate	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-002  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (8)  
**Collection Date:** 10/13/2010 2:40:00 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>								
Ethylbenzene	NELAP	124	J	50	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Heptane		494		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Hexachlorobutadiene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Hexachloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Iodomethane	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Isopropylbenzene	NELAP	124	J	40	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
m,p-Xylenes	NELAP	124	J	120	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Methacrylonitrile	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Methyl Methacrylate	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Methyl tert-butyl ether	NELAP	49.4		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Methylacrylate		247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Methylene chloride	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Naphthalene	NELAP	247		1120	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
n-Butylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
n-Hexane		494		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Nitrobenzene	NELAP	2470		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
n-Propylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
o-Xylene	NELAP	124	J	61	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Pentachloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
p-Isopropyltoluene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Propionitrile	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
sec-Butylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Styrene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
tert-Butylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Tetrachloroethene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Tetrahydrofuran	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Toluene	NELAP	124	J	98	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	98.9		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Trichloroethene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Trichlorofluoromethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Vinyl acetate	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Vinyl chloride	NELAP	49.4		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		98.5	%REC	12.5	10/15/2010 3:59:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		100	%REC	12.5	10/15/2010 3:59:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.3	%REC	12.5	10/15/2010 3:59:00 PM	RWE
Surr: Toluene-d8		86-116		102.2	%REC	12.5	10/15/2010 3:59:00 PM	RWE

**SW-846 7471A**

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-002  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (8)  
**Collection Date:** 10/13/2010 2:40:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013	J	<b>0.004</b>	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.664		<b>&lt; 0.664</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.61		<b>&lt; 0.61</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

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

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

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

LCS/LCSD RPD was outside of QC limit for 1,1-Dichloro-2-propanone.

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:** 10100630  
**Lab ID:** 10100630-003  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (3)  
**Collection Date:** 10/13/2010 3:00:00 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		<b>20.9</b>	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		<b>79.1</b>	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45	J	<b>2.0</b>	mg/Kg-dry	1	10/20/2010 12:17:52 AM	JMW
Barium	NELAP	0.49		<b>147</b>	mg/Kg-dry	1	10/20/2010 12:17:52 AM	JMW
Cadmium	NELAP	0.20		<b>0.94</b>	mg/Kg-dry	1	10/20/2010 11:54:43 AM	LAL
Chromium	NELAP	0.98		<b>23.4</b>	mg/Kg-dry	1	10/20/2010 12:17:52 AM	JMW
Lead	NELAP	3.92		<b>16.0</b>	mg/Kg-dry	1	10/20/2010 12:17:52 AM	JMW
Selenium	NELAP	3.92	J	<b>3.7</b>	mg/Kg-dry	1	10/20/2010 12:17:52 AM	JMW
Silver	NELAP	0.54		<b>&lt; 0.54</b>	mg/Kg-dry	1	10/20/2010 12:17:52 AM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.021		<b>ND</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Acenaphthylene	NELAP	0.021	SR	<b>0.580</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Anthracene	NELAP	0.021		<b>0.070</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Benzo(a)anthracene	NELAP	0.021	R	<b>0.129</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Benzo(a)pyrene	NELAP	0.021	SR	<b>0.874</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.021	SR	<b>0.618</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.021	SR	<b>0.786</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.021	R	<b>0.158</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.422	S	<b>ND</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Chrysene	NELAP	0.021		<b>0.061</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.021	R	<b>0.146</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Fluoranthene	NELAP	0.021		<b>0.108</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Fluorene	NELAP	0.021		<b>0.044</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.021	SR	<b>0.569</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Naphthalene	NELAP	0.021		<b>ND</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Phenanthrene	NELAP	0.021		<b>ND</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Pyrene	NELAP	0.021	S	<b>0.404</b>	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		<b>73.3</b>	%REC	5	10/17/2010 7:01:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		<b>83.6</b>	%REC	5	10/17/2010 7:01:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		<b>86.5</b>	%REC	5	10/17/2010 7:01:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	6.29		<b>ND</b>	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
1,2-Dichlorobenzene	NELAP	6.29		<b>ND</b>	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
1,3-Dichlorobenzene	NELAP	6.29		<b>ND</b>	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
1,4-Dichlorobenzene	NELAP	6.29		<b>ND</b>	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	4.41		<b>ND</b>	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-003  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (3)  
**Collection Date:** 10/13/2010 3:00:00 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>								
2,4,6-Trichlorophenol	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2,4-Dichlorophenol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2,4-Dimethylphenol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2,4-Dinitrophenol	NELAP	12.6		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2,4-Dinitrotoluene	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2,6-Dinitrotoluene	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2-Chloronaphthalene	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2-Chlorophenol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2-Methoxy-4-methylphenol		8.18		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2-Methylnaphthalene	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2-Nitroaniline	NELAP	12.6		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2-Nitrophenol	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
3-Nitroaniline	NELAP	12.6		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	12.6		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4-Chloroaniline	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4-Nitroaniline	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4-Nitrophenol	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Aniline	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Azobenzene		4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Benzidine	NELAP	13.3		see note	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Benzoic acid	NELAP	18.9		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Benzyl alcohol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Butyl benzyl phthalate	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Carbazole		6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Dibenzofuran	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Diethyl phthalate	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Dimethyl phthalate	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Di-n-butyl phthalate	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Di-n-octyl phthalate	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Hexachlorobenzene	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Hexachlorobutadiene	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-003  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (3)  
**Collection Date:** 10/13/2010 3:00:00 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>								
Hexachlorocyclopentadiene	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Hexachloroethane	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Isophorone	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
m,p-Cresol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Nitrobenzene	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
N-Nitrosodimethylamine	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
o-Cresol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Pentachlorophenol	NELAP	25.2		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Phenol	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Pyridine	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
1,2-Diphenylhydrazine		10.6		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		73.5	%REC	10	10/15/2010 11:03:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		75.7	%REC	10	10/15/2010 11:03:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		86.7	%REC	10	10/15/2010 11:03:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		83.4	%REC	10	10/15/2010 11:03:00 PM	DMH
Surr: Phenol-d5		34.9-110		80.5	%REC	10	10/15/2010 11:03:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		85.8	%REC	10	10/15/2010 11:03:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1,1-Trichloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1,2-Trichloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1-Dichloro-2-propanone		48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1-Dichloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1-Dichloroethene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1-Dichloropropene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2,3-Trichloropropane	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2,3-Trimethylbenzene		4.8	J	1.1	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2-Dibromoethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2-Dichlorobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2-Dichloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-003  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (3)  
**Collection Date:** 10/13/2010 3:00:00 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-Dichloropropane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,3-Dichlorobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,3-Dichloropropane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,4-Dichlorobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1-Chlorobutane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
2,2-Dichloropropane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
2-Butanone	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
2-Chlorotoluene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
2-Hexanone	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
2-Nitropropane	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
4-Chlorotoluene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
4-Methyl-2-pentanone	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Acetone	NELAP	48.3	J	39	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Acrolein	NELAP	96.6		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Acrylonitrile	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Allyl chloride	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Benzene	NELAP	1.0		2.2	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Bromobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Bromochloromethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Bromodichloromethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Bromoform	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Bromomethane	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Carbon disulfide	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Carbon tetrachloride	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Chlorobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Chloroethane	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Chloroform	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Chloromethane	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	3.9		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Cyclohexanone		96.6		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Dibromochloromethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Dibromomethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Dichlorodifluoromethane	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Ethyl acetate	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Ethyl ether	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Ethyl methacrylate	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-003  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (3)  
**Collection Date:** 10/13/2010 3:00:00 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>								
Ethylbenzene	NELAP	4.8	J	1.8	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Heptane		19.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Hexachlorobutadiene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Hexachloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Iodomethane	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Isopropylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
m,p-Xylenes	NELAP	4.8	J	3.4	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Methacrylonitrile	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Methyl Methacrylate	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Methyl tert-butyl ether	NELAP	1.9		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Methylacrylate		9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Methylene chloride	NELAP	4.8	J	2.9	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Naphthalene	NELAP	9.7	J	3.2	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
n-Butylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
n-Hexane		19.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Nitrobenzene	NELAP	96.6		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
n-Propylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
o-Xylene	NELAP	4.8	J	1.5	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Pentachloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
p-Isopropyltoluene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Propionitrile	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
sec-Butylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Styrene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
tert-Butylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Tetrachloroethene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Tetrahydrofuran	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Toluene	NELAP	4.8	J	4.6	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	3.9		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Trichloroethene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Trichlorofluoromethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Vinyl acetate	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Vinyl chloride	NELAP	1.9		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		102.6	%REC	1	10/18/2010 11:10:00 AM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		94.6	%REC	1	10/18/2010 11:10:00 AM	RWE
Surr: Dibromofluoromethane		77.7-120		106.1	%REC	1	10/18/2010 11:10:00 AM	RWE
Surr: Toluene-d8		86-116		114.0	%REC	1	10/18/2010 11:10:00 AM	RWE

**SW-846 7471A**

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-003  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (3)  
**Collection Date:** 10/13/2010 3:00:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		<b>0.036</b>	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.632		<b>0.778</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.63		<b>0.84</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

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

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

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

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.

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-004  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (8)  
**Collection Date:** 10/13/2010 3:10:00 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		21.2	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		78.8	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		4.45	mg/Kg-dry	1	10/20/2010 12:39:31 AM	JMW
Barium	NELAP	0.48		68.7	mg/Kg-dry	1	10/20/2010 12:39:31 AM	JMW
Cadmium	NELAP	0.19		1.07	mg/Kg-dry	1	10/20/2010 11:57:37 AM	LAL
Chromium	NELAP	0.96		14.3	mg/Kg-dry	1	10/20/2010 12:39:31 AM	JMW
Lead	NELAP	3.85		12.3	mg/Kg-dry	1	10/20/2010 12:39:31 AM	JMW
Selenium	NELAP	3.85	J	3.4	mg/Kg-dry	1	10/20/2010 12:39:31 AM	JMW
Silver	NELAP	0.53		0.75	mg/Kg-dry	1	10/20/2010 12:39:31 AM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.608	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Acenaphthylene	NELAP	0.004		0.658	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Anthracene	NELAP	0.004		0.058	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		0.070	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		0.063	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		0.053	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		0.034	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		0.015	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.085		ND	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Chrysene	NELAP	0.004		0.071	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		0.008	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Fluoranthene	NELAP	0.004		0.171	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Fluorene	NELAP	0.004		0.371	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.025	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Naphthalene	NELAP	0.004		0.015	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Phenanthrene	NELAP	0.004		0.434	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Pyrene	NELAP	0.004		0.242	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		73.6	%REC	1	10/17/2010 3:15:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		86.6	%REC	1	10/17/2010 3:15:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		81.1	%REC	1	10/17/2010 3:15:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-004  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (8)  
**Collection Date:** 10/13/2010 3:10:00 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>								
2,4,6-Trichlorophenol	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2-Chloronaphthalene	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2-Chlorophenol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2-Methoxy-4-methylphenol		0.826		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2-Methylnaphthalene	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2-Nitroaniline	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2-Nitrophenol	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
3-Nitroaniline	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4-Chloroaniline	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4-Nitroaniline	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4-Nitrophenol	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Aniline	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Azobenzene		0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Benzidine	NELAP	1.34		see note	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Benzoic acid	NELAP	1.91		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Benzyl alcohol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Carbazole		0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Dibenzofuran	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Diethyl phthalate	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Dimethyl phthalate	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Hexachlorobenzene	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Hexachlorobutadiene	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-004  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (8)  
**Collection Date:** 10/13/2010 3:10:00 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>								
Hexachlorocyclopentadiene	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Hexachloroethane	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Isophorone	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
m,p-Cresol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Nitrobenzene	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
o-Cresol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Pentachlorophenol	NELAP	2.54		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Phenol	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Pyridine	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
1,2-Diphenylhydrazine		1.07		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		89.9	%REC	1	10/15/2010 7:17:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		74.2	%REC	1	10/15/2010 7:17:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		80.4	%REC	1	10/15/2010 7:17:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		80.1	%REC	1	10/15/2010 7:17:00 PM	DMH
Surr: Phenol-d5		34.9-110		81.2	%REC	1	10/15/2010 7:17:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		89.6	%REC	1	10/15/2010 7:17:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1,1-Trichloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1,2-Trichloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1-Dichloro-2-propanone		44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1-Dichloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1-Dichloroethene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1-Dichloropropene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2,3-Trichloropropane	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2,3-Trimethylbenzene		4.5	J	3.6	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	4.5	J	2.7	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2-Dibromoethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2-Dichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2-Dichloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-004  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (8)  
**Collection Date:** 10/13/2010 3:10:00 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-Dichloropropane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,3-Dichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,3-Dichloropropane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,4-Dichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1-Chlorobutane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
2,2-Dichloropropane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
2-Butanone	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
2-Chlorotoluene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
2-Hexanone	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
2-Nitropropane	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
4-Chlorotoluene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
4-Methyl-2-pentanone	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Acetone	NELAP	44.9		45.6	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Acrolein	NELAP	89.8		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Acrylonitrile	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Allyl chloride	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Benzene	NELAP	0.9		6.2	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Bromobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Bromochloromethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Bromodichloromethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Bromoform	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Bromomethane	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Carbon disulfide	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Carbon tetrachloride	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Chlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Chloroethane	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Chloroform	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Chloromethane	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	3.6		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Cyclohexanone		89.8		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Dibromochloromethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Dibromomethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Dichlorodifluoromethane	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Ethyl acetate	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Ethyl ether	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Ethyl methacrylate	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-004  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (8)  
**Collection Date:** 10/13/2010 3:10:00 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>								
Ethylbenzene	NELAP	4.5		5.1	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Heptane		18.0	J	3.1	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Hexachlorobutadiene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Hexachloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Iodomethane	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Isopropylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
m,p-Xylenes	NELAP	4.5		10.1	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Methacrylonitrile	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Methyl Methacrylate	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Methyl tert-butyl ether	NELAP	1.8		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Methylacrylate		9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Methylene chloride	NELAP	4.5	J	2.1	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Naphthalene	NELAP	9.0		110	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
n-Butylbenzene	NELAP	4.5	J	1.3	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
n-Hexane		18.0	J	5.4	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Nitrobenzene	NELAP	89.8		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
n-Propylbenzene	NELAP	4.5	J	1.0	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
o-Xylene	NELAP	4.5		5.1	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Pentachloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
p-Isopropyltoluene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Propionitrile	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
sec-Butylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Styrene	NELAP	4.5	J	1.6	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
tert-Butylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Tetrachloroethene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Tetrahydrofuran	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Toluene	NELAP	4.5		8.3	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	3.6		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Trichloroethene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Trichlorofluoromethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Vinyl acetate	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Vinyl chloride	NELAP	1.8		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		105.3	%REC	1	10/18/2010 11:39:00 AM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		95.0	%REC	1	10/18/2010 11:39:00 AM	RWE
Surr: Dibromofluoromethane		77.7-120		107.4	%REC	1	10/18/2010 11:39:00 AM	RWE
Surr: Toluene-d8		86-116		102.0	%REC	1	10/18/2010 11:39:00 AM	RWE

**SW-846 7471A**

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-004  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (8)  
**Collection Date:** 10/13/2010 3:10:00 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>0.016</b>	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.622		<b>&lt; 0.622</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.58	J	<b>0.32</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

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

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



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-005  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (3)  
**Collection Date:** 10/14/2010 8:00:00 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		29.1	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		70.9	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		3.48	mg/Kg-dry	1	10/20/2010 12:45:11 AM	JMW
Barium	NELAP	0.50		90.0	mg/Kg-dry	1	10/20/2010 12:45:11 AM	JMW
Cadmium	NELAP	0.20		1.39	mg/Kg-dry	1	10/20/2010 12:00:32 PM	LAL
Chromium	NELAP	1.00		21.8	mg/Kg-dry	1	10/20/2010 12:45:11 AM	JMW
Lead	NELAP	4.00		15.9	mg/Kg-dry	1	10/20/2010 12:45:11 AM	JMW
Selenium	NELAP	4.00		< 4.00	mg/Kg-dry	1	10/20/2010 12:45:11 AM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	10/20/2010 12:45:11 AM	JMW
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>								
4,4'-DDD	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
4,4'-DDE	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
4,4'-DDT	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Alachlor	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Aldrin	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
alpha-BHC	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
alpha-Chlordane	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
beta-BHC	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Chlordane	NELAP	4.65		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
delta-BHC	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Dieldrin	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Endosulfan I	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Endosulfan II	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Endosulfan sulfate	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Endrin	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Endrin aldehyde	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Endrin ketone	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
gamma-BHC	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
gamma-Chlordane	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Heptachlor	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Heptachlor epoxide	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Methoxychlor	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Toxaphene	NELAP	41.8		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Surr: Decachlorobiphenyl		48-149		118.4	%REC	1	10/19/2010 3:58:00 PM	MAV
Surr: Tetrachloro-m-xylene		19-145		86.3	%REC	1	10/19/2010 3:58:00 PM	MAV
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-005  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (3)  
**Collection Date:** 10/14/2010 8:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								
Aroclor 1016	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Aroclor 1221	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Aroclor 1232	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Aroclor 1242	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Aroclor 1248	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Aroclor 1254	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Aroclor 1260	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Surr: Decachlorobiphenyl		5-156		102.3	%REC	1	10/19/2010 1:17:00 PM	MAV
Surr: Tetrachloro-meta-xylene		7.35-123		87.5	%REC	1	10/19/2010 1:17:00 PM	MAV
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.005		0.273	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Acenaphthylene	NELAP	0.005		0.291	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Anthracene	NELAP	0.005		0.064	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Benzo(a)anthracene	NELAP	0.005		0.184	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Benzo(a)pyrene	NELAP	0.005		0.178	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.005		0.150	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.005		0.090	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.005		0.043	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.094		ND	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Chrysene	NELAP	0.005		0.183	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.005		0.022	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Fluoranthene	NELAP	0.005		0.410	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Fluorene	NELAP	0.005		0.259	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.005		0.071	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Naphthalene	NELAP	0.005		0.017	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Phenanthrene	NELAP	0.005		0.507	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Pyrene	NELAP	0.005		0.569	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		76.8	%REC	1	10/17/2010 3:52:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		90.4	%REC	1	10/17/2010 3:52:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		93.5	%REC	1	10/17/2010 3:52:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-005  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (3)  
**Collection Date:** 10/14/2010 8:00:00 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-Dimethylphenol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.40		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2-Chloronaphthalene	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2-Chlorophenol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2-Methoxy-4-methylphenol		0.913		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2-Methylnaphthalene	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2-Nitroaniline	NELAP	1.40		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2-Nitrophenol	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
3-Nitroaniline	NELAP	1.40		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.40		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4-Chloroaniline	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4-Nitroaniline	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4-Nitrophenol	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Aniline	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Azobenzene		0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Benzidine	NELAP	1.48		see note	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Benzoic acid	NELAP	2.11		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Benzyl alcohol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Carbazole		0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Dibenzofuran	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Diethyl phthalate	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Dimethyl phthalate	NELAP	0.492	S	ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Hexachlorobenzene	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Hexachlorobutadiene	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Hexachloroethane	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-005  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (3)  
**Collection Date:** 10/14/2010 8:00:00 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>								
Isophorone	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
m,p-Cresol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Nitrobenzene	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
o-Cresol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Pentachlorophenol	NELAP	2.81		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Phenol	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Pyridine	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
1,2-Diphenylhydrazine		1.18		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		88.5	%REC	1	10/15/2010 8:21:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		72.6	%REC	1	10/15/2010 8:21:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		81.3	%REC	1	10/15/2010 8:21:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		83.1	%REC	1	10/15/2010 8:21:00 PM	DMH
Surr: Phenol-d5		34.9-110		82.5	%REC	1	10/15/2010 8:21:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		87.7	%REC	1	10/15/2010 8:21:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1,1-Trichloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1,2-Trichloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1-Dichloro-2-propanone		62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1-Dichloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1-Dichloroethene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1-Dichloropropene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2,3-Trichloropropane	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2,3-Trimethylbenzene		6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2-Dibromoethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2-Dichlorobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2-Dichloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2-Dichloropropane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-005  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (3)  
**Collection Date:** 10/14/2010 8:00:00 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>								
1,3-Dichlorobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,3-Dichloropropane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,4-Dichlorobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1-Chlorobutane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
2,2-Dichloropropane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
2-Butanone	NELAP	62.3	J	36	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
2-Chlorotoluene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
2-Hexanone	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
2-Nitropropane	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
4-Chlorotoluene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
4-Methyl-2-pentanone	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Acetone	NELAP	62.3		222	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Acrolein	NELAP	125		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Acrylonitrile	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Allyl chloride	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Benzene	NELAP	1.2		3.5	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Bromobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Bromochloromethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Bromodichloromethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Bromoform	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Bromomethane	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Carbon disulfide	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Carbon tetrachloride	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Chlorobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Chloroethane	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Chloroform	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Chloromethane	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Cyclohexanone		125		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Dibromochloromethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Dibromomethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Dichlorodifluoromethane	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Ethyl acetate	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Ethyl ether	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Ethyl methacrylate	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Ethylbenzene	NELAP	6.2	J	3.3	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Heptane		24.9		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-C5.5-W (3)

**Lab ID:** 10100630-005

**Collection Date:** 10/14/2010 8:00:00 AM

**Report Date:** 28-Oct-10

**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>								
Hexachlorobutadiene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Hexachloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Iodomethane	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Isopropylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
m,p-Xylenes	NELAP	6.2		7.4	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Methacrylonitrile	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Methyl Methacrylate	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Methylacrylate		12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Methylene chloride	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Naphthalene	NELAP	12.5	J	9.5	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
n-Butylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
n-Hexane		24.9		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Nitrobenzene	NELAP	125		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
n-Propylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
o-Xylene	NELAP	6.2	J	3.1	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Pentachloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
p-Isopropyltoluene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Propionitrile	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
sec-Butylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Styrene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
tert-Butylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Tetrachloroethene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Tetrahydrofuran	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Toluene	NELAP	6.2		6.9	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Trichloroethene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Trichlorofluoromethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Vinyl acetate	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Vinyl chloride	NELAP	2.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		106.4	%REC	1	10/18/2010 12:08:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		104.9	%REC	1	10/18/2010 12:08:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		106.6	%REC	1	10/18/2010 12:08:00 PM	RWE
Surr: Toluene-d8		86-116		103.0	%REC	1	10/18/2010 12:08:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013		0.032	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-005  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (3)  
**Collection Date:** 10/14/2010 8:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								
2,4,5-T	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
2,4,5-TP (Silvex)	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
2,4-D	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
2,4-DB	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
3,5-Dichlorobenzoic Acid	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
Acifluorfen	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
Bentazon	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
Chloramben	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
Dalapon	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
DCPA	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
Dicamba	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
Dichlorprop	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
Dinoseb	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
Pentachlorophenol	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
Picloram	NELAP	0.05		ND	mg/Kg-dry	1	10/23/2010 1:11:00 PM	SUB
Surr: DCAA		50-136		57.5	%REC	1	10/23/2010 1:11:00 PM	SUB
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.64		Interference	mg/Kg-dry	4	10/21/2010 9:42:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.70	J	0.66	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

SW-846 8151A, Chlorinated Herbicides by GC/ECD

The blank spike recovery was outside acceptance limits. Batch accepted based on acceptable MS/MSD/RPD results.

Analysis performed by Keystone Laboratories, Inc.

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

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

Matrix spike duplicate for Dimethyl phthalate did not recover within control limits.

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-006  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (8)  
**Collection Date:** 10/14/2010 8:12:00 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		27.0	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		73.0	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.27		4.32	mg/Kg-dry	1	10/20/2010 12:50:49 AM	JMW
Barium	NELAP	0.45		15.5	mg/Kg-dry	1	10/20/2010 12:50:49 AM	JMW
Cadmium	NELAP	0.18		0.74	mg/Kg-dry	1	10/20/2010 1:11:09 PM	LAL
Chromium	NELAP	0.91		9.14	mg/Kg-dry	1	10/20/2010 12:50:49 AM	JMW
Lead	NELAP	3.64		8.28	mg/Kg-dry	1	10/20/2010 12:50:49 AM	JMW
Selenium	NELAP	3.64	J	3.5	mg/Kg-dry	1	10/20/2010 12:50:49 AM	JMW
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	10/20/2010 12:50:49 AM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.005		0.347	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Acenaphthylene	NELAP	0.005		0.895	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Anthracene	NELAP	0.005		0.016	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Benzo(a)anthracene	NELAP	0.005		0.013	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Benzo(a)pyrene	NELAP	0.005		0.009	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.005		0.008	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.005		0.006	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.005		ND	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.091		ND	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Chrysene	NELAP	0.005		0.009	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.005		ND	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Fluoranthene	NELAP	0.005		0.024	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Fluorene	NELAP	0.005		0.115	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.005		ND	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Naphthalene	NELAP	0.005		0.034	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Phenanthrene	NELAP	0.005		0.064	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Pyrene	NELAP	0.005		0.036	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		83.9	%REC	1	10/17/2010 5:47:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		94.3	%REC	1	10/17/2010 5:47:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		99.8	%REC	1	10/17/2010 5:47:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-006  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (8)  
**Collection Date:** 10/14/2010 8:12:00 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>								
2,4,6-Trichlorophenol	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.36		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2-Chloronaphthalene	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2-Chlorophenol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2-Methoxy-4-methylphenol		0.882		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2-Methylnaphthalene	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2-Nitroaniline	NELAP	1.36		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2-Nitrophenol	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
3-Nitroaniline	NELAP	1.36		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.36		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4-Chloroaniline	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4-Nitroaniline	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4-Nitrophenol	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Aniline	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Azobenzene		0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Benzidine	NELAP	1.43		see note	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Benzoic acid	NELAP	2.04		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Benzyl alcohol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Carbazole		0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Dibenzofuran	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Diethyl phthalate	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Dimethyl phthalate	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Hexachlorobenzene	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Hexachlorobutadiene	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-006  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (8)  
**Collection Date:** 10/14/2010 8:12:00 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>								
Hexachlorocyclopentadiene	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Hexachloroethane	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Isophorone	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
m,p-Cresol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Nitrobenzene	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
o-Cresol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Pentachlorophenol	NELAP	2.71		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Phenol	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Pyridine	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
1,2-Diphenylhydrazine		1.14		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		81.0	%REC	1	10/15/2010 7:49:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		71.5	%REC	1	10/15/2010 7:49:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		71.2	%REC	1	10/15/2010 7:49:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		75.7	%REC	1	10/15/2010 7:49:00 PM	DMH
Surr: Phenol-d5		34.9-110		73.1	%REC	1	10/15/2010 7:49:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		78.3	%REC	1	10/15/2010 7:49:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1-Dichloro-2-propanone		50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1-Dichloropropene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2,3-Trimethylbenzene		5.0		14.5	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.0	J	2.3	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2-Dibromoethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-006  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (8)  
**Collection Date:** 10/14/2010 8:12:00 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-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.0		6.3	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,3-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1-Chlorobutane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
2,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
2-Butanone	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
2-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
2-Hexanone	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
2-Nitropropane	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
4-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
4-Methyl-2-pentanone	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Acetone	NELAP	50.0		66.6	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Acrolein	NELAP	100		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Acrylonitrile	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Allyl chloride	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Benzene	NELAP	1.0		3.8	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Bromobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Bromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Bromodichloromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Bromoform	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Bromomethane	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Carbon disulfide	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Carbon tetrachloride	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Chlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Chloroethane	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Chloroform	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Chloromethane	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Cyclohexanone		100		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Dibromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Dibromomethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Dichlorodifluoromethane	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Ethyl acetate	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Ethyl ether	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Ethyl methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-006  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (8)  
**Collection Date:** 10/14/2010 8:12:00 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>								
Ethylbenzene	NELAP	5.0	J	3.5	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Heptane		20.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Hexachlorobutadiene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Hexachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Iodomethane	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Isopropylbenzene	NELAP	5.0		6.0	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
m,p-Xylenes	NELAP	5.0		5.0	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Methacrylonitrile	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Methyl Methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Methylacrylate		10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Methylene chloride	NELAP	5.0	J	1.4	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Naphthalene	NELAP	10		16.5	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
n-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
n-Hexane		20.0	J	4.1	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Nitrobenzene	NELAP	100		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
n-Propylbenzene	NELAP	5.0	J	2.8	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
o-Xylene	NELAP	5.0	J	3.2	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Pentachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
p-Isopropyltoluene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Propionitrile	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
sec-Butylbenzene	NELAP	5.0	J	1.4	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Styrene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
tert-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Tetrachloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Tetrahydrofuran	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Toluene	NELAP	5.0		5.8	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Trichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Trichlorofluoromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Vinyl acetate	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Vinyl chloride	NELAP	2.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		105.4	%REC	1	10/18/2010 12:36:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.8	%REC	1	10/18/2010 12:36:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		108.1	%REC	1	10/18/2010 12:36:00 PM	RWE
Surr: Toluene-d8		86-116		101.9	%REC	1	10/18/2010 12:36:00 PM	RWE

**SW-846 7471A**

ENVIRONMENTAL TESTING LABORATORY

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FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-006  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (8)  
**Collection Date:** 10/14/2010 8:12:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013	J	<b>0.005</b>	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.66		<b>Interference</b>	mg/Kg-dry	4	10/21/2010 9:42:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.68		<b>&lt; 0.68</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-A5.5-W (21)

**Lab ID:** 10100630-007

**Collection Date:** 10/14/2010 3:00:00 PM

**Report Date:** 28-Oct-10

**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		13.4	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		86.6	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		5.06	mg/Kg-dry	1	10/20/2010 12:56:27 AM	JMW
Barium	NELAP	0.48		16.2	mg/Kg-dry	1	10/20/2010 12:56:27 AM	JMW
Cadmium	NELAP	0.19		0.88	mg/Kg-dry	1	10/20/2010 1:14:05 PM	LAL
Chromium	NELAP	0.96		9.82	mg/Kg-dry	1	10/20/2010 12:56:27 AM	JMW
Lead	NELAP	3.85		18.9	mg/Kg-dry	1	10/20/2010 12:56:27 AM	JMW
Selenium	NELAP	3.85		< 3.85	mg/Kg-dry	1	10/20/2010 12:56:27 AM	JMW
Silver	NELAP	0.53		0.87	mg/Kg-dry	1	10/20/2010 12:56:27 AM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.584		7.59	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Acenaphthylene	NELAP	0.584		16.2	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Anthracene	NELAP	0.584		12.7	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Benzo(a)anthracene	NELAP	0.584		7.36	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Benzo(a)pyrene	NELAP	0.584		6.88	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.584		5.09	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.584		3.11	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.584		1.46	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	11.5		ND	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Chrysene	NELAP	0.584		6.99	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.584		0.774	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Fluoranthene	NELAP	0.584		15.5	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Fluorene	NELAP	0.584		13.9	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.584		2.39	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Naphthalene	NELAP	0.584		112	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Phenanthrene	NELAP	0.584		42.8	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Pyrene	NELAP	0.584		24.0	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		80.4	%REC	100	10/17/2010 4:30:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		80.4	%REC	100	10/17/2010 4:30:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		92.6	%REC	100	10/17/2010 4:30:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
1,2-Dichlorobenzene	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
1,3-Dichlorobenzene	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
1,4-Dichlorobenzene	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-A5.5-W (21)

**Lab ID:** 10100630-007

**Collection Date:** 10/14/2010 3:00:00 PM

**Report Date:** 28-Oct-10

**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>								
2,4,6-Trichlorophenol	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2,4-Dichlorophenol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2,4-Dimethylphenol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2,4-Dinitrophenol	NELAP	17.2		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2,4-Dinitrotoluene	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2,6-Dinitrotoluene	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2-Chloronaphthalene	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2-Chlorophenol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2-Methoxy-4-methylphenol		11.2		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2-Methylnaphthalene	NELAP	6.02		48.9	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2-Nitroaniline	NELAP	17.2		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2-Nitrophenol	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
3-Nitroaniline	NELAP	17.2		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	17.2		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4-Chloroaniline	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4-Nitroaniline	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4-Nitrophenol	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Aniline	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Azobenzene		6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Benzidine	NELAP	18.2		see note	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Benzoic acid	NELAP	25.8		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Benzyl alcohol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Butyl benzyl phthalate	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Carbazole		8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Dibenzofuran	NELAP	6.02	J	2.2	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Diethyl phthalate	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Dimethyl phthalate	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Di-n-butyl phthalate	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Di-n-octyl phthalate	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Hexachlorobenzene	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Hexachlorobutadiene	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-007  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (21)  
**Collection Date:** 10/14/2010 3:00:00 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>								
Hexachlorocyclopentadiene	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Hexachloroethane	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Isophorone	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
m,p-Cresol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Nitrobenzene	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
N-Nitrosodimethylamine	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
o-Cresol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Pentachlorophenol	NELAP	34.4		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Phenol	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Pyridine	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
1,2-Diphenylhydrazine		14.4		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		67.7	%REC	10	10/15/2010 9:26:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		70.0	%REC	10	10/15/2010 9:26:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		69.5	%REC	10	10/15/2010 9:26:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		73.7	%REC	10	10/15/2010 9:26:00 PM	DMH
Surr: Phenol-d5		34.9-110		67.8	%REC	10	10/15/2010 9:26:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		75.9	%REC	10	10/15/2010 9:26:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1,1-Trichloroethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1,2-Trichloroethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1-Dichloro-2-propanone		30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1-Dichloroethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1-Dichloroethene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1-Dichloropropene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2,3-Trichloropropane	NELAP	6150		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2,3-Trimethylbenzene		3080	J	1100	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	3080	J	730	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2-Dibromoethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2-Dichlorobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2-Dichloroethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-007  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (21)  
**Collection Date:** 10/14/2010 3:00:00 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-Dichloropropane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,3-Dichlorobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,3-Dichloropropane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,4-Dichlorobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1-Chlorobutane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
2,2-Dichloropropane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
2-Butanone	NELAP	30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
2-Chlorotoluene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
2-Hexanone	NELAP	30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
2-Nitropropane	NELAP	30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
4-Chlorotoluene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
4-Methyl-2-pentanone	NELAP	30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Acetone	NELAP	30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Acrolein	NELAP	61500		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Acrylonitrile	NELAP	6150		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Allyl chloride	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Benzene	NELAP	615		3040	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Bromobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Bromochloromethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Bromodichloromethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Bromoform	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Bromomethane	NELAP	6150		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Carbon disulfide	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Carbon tetrachloride	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Chlorobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Chloroethane	NELAP	6150		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Chloroform	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Chloromethane	NELAP	6150		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	2460		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Cyclohexanone		61500		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Dibromochloromethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Dibromomethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Dichlorodifluoromethane	NELAP	6150		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Ethyl acetate	NELAP	30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Ethyl ether	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Ethyl methacrylate	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-007  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (21)  
**Collection Date:** 10/14/2010 3:00:00 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>								
Ethylbenzene	NELAP	3080		<b>3950</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Heptane		12300		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Hexachlorobutadiene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Hexachloroethane	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Iodomethane	NELAP	6150		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Isopropylbenzene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
m,p-Xylenes	NELAP	3080		<b>9550</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Methacrylonitrile	NELAP	30800		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Methyl Methacrylate	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Methyl tert-butyl ether	NELAP	1230		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Methylacrylate		6150		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Methylene chloride	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Naphthalene	NELAP	6150		<b>45600</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
n-Butylbenzene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
n-Hexane		12300		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Nitrobenzene	NELAP	61500		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
n-Propylbenzene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
o-Xylene	NELAP	3080		<b>4440</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Pentachloroethane	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
p-Isopropyltoluene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Propionitrile	NELAP	30800		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
sec-Butylbenzene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Styrene	NELAP	3080		<b>5920</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
tert-Butylbenzene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Tetrachloroethene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Tetrahydrofuran	NELAP	30800		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Toluene	NELAP	3080		<b>15800</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	2460		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Trichloroethene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Trichlorofluoromethane	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Vinyl acetate	NELAP	30800		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Vinyl chloride	NELAP	1230		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>102.2</b>	%REC	500	10/18/2010 1:34:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		<b>106.1</b>	%REC	500	10/18/2010 1:34:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		<b>105.0</b>	%REC	500	10/18/2010 1:34:00 PM	RWE
Surr: Toluene-d8		86-116		<b>107.0</b>	%REC	500	10/18/2010 1:34:00 PM	RWE

**SW-846 7471A**

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-007  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (21)  
**Collection Date:** 10/14/2010 3:00:00 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>0.008</b>	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.540		<b>&lt; 0.540</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.57		<b>&lt; 0.57</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

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

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

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

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:** 10100630  
**Lab ID:** 10100630-008  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (20)  
**Collection Date:** 10/14/2010 3:14:00 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		11.4	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.6	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		4.79	mg/Kg-dry	1	10/20/2010 1:02:05 AM	JMW
Barium	NELAP	0.47		16.1	mg/Kg-dry	1	10/20/2010 1:02:05 AM	JMW
Cadmium	NELAP	0.19		0.86	mg/Kg-dry	1	10/20/2010 1:17:00 PM	LAL
Chromium	NELAP	0.94		10.6	mg/Kg-dry	1	10/20/2010 1:02:05 AM	JMW
Lead	NELAP	3.77		9.58	mg/Kg-dry	1	10/20/2010 1:02:05 AM	JMW
Selenium	NELAP	3.77		< 3.77	mg/Kg-dry	1	10/20/2010 1:02:05 AM	JMW
Silver	NELAP	0.52		0.52	mg/Kg-dry	1	10/20/2010 1:02:05 AM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.094		0.539	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Acenaphthylene	NELAP	0.094		2.63	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Anthracene	NELAP	0.094		1.81	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Benzo(a)anthracene	NELAP	0.094		1.04	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Benzo(a)pyrene	NELAP	0.094		0.938	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.094		0.729	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.094		0.435	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.094		0.206	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	1.85		ND	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Chrysene	NELAP	0.094		0.965	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.094		0.107	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Fluoranthene	NELAP	0.094		2.27	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Fluorene	NELAP	0.094		2.02	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.094		0.330	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Naphthalene	NELAP	0.094		15.2	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Phenanthrene	NELAP	0.094		6.01	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Pyrene	NELAP	0.094		3.37	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		72.0	%REC	25	10/17/2010 5:08:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		72.3	%REC	25	10/17/2010 5:08:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		81.4	%REC	25	10/17/2010 5:08:00 PM	DMH
<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	10/15/2010 9:58:00 PM	DMH
1,2-Dichlorobenzene	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
1,3-Dichlorobenzene	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
1,4-Dichlorobenzene	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-008  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (20)  
**Collection Date:** 10/14/2010 3:14:00 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>								
2,4,6-Trichlorophenol	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2,4-Dichlorophenol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2,4-Dimethylphenol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2,4-Dinitrophenol	NELAP	5.52		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2,4-Dinitrotoluene	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2,6-Dinitrotoluene	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2-Chloronaphthalene	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2-Chlorophenol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2-Methoxy-4-methylphenol		3.59		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2-Methylnaphthalene	NELAP	1.93		7.23	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2-Nitroaniline	NELAP	5.52		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2-Nitrophenol	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
3-Nitroaniline	NELAP	5.52		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	5.52		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4-Chloroaniline	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4-Nitroaniline	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4-Nitrophenol	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Aniline	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Azobenzene		1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Benzidine	NELAP	5.83		see note	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Benzoic acid	NELAP	8.29		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Benzyl alcohol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Butyl benzyl phthalate	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Carbazole		2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Dibenzofuran	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Diethyl phthalate	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Dimethyl phthalate	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Di-n-butyl phthalate	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Di-n-octyl phthalate	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Hexachlorobenzene	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Hexachlorobutadiene	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-008  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (20)  
**Collection Date:** 10/14/2010 3:14:00 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>								
Hexachlorocyclopentadiene	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Hexachloroethane	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Isophorone	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
m,p-Cresol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Nitrobenzene	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
N-Nitrosodimethylamine	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
o-Cresol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Pentachlorophenol	NELAP	11.0		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Phenol	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Pyridine	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
1,2-Diphenylhydrazine		4.64		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		60.8	%REC	5	10/15/2010 9:58:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		67.4	%REC	5	10/15/2010 9:58:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		64.2	%REC	5	10/15/2010 9:58:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		70.3	%REC	5	10/15/2010 9:58:00 PM	DMH
Surr: Phenol-d5		34.9-110		64.6	%REC	5	10/15/2010 9:58:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		71.9	%REC	5	10/15/2010 9:58:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1,1-Trichloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1,2-Trichloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1-Dichloro-2-propanone		38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1-Dichloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1-Dichloroethene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1-Dichloropropene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2,3-Trichloropropane	NELAP	7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2,3-Trimethylbenzene		3880	J	1200	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2-Dibromoethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2-Dichlorobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2-Dichloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-008  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (20)  
**Collection Date:** 10/14/2010 3:14:00 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-Dichloropropane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,3-Dichlorobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,3-Dichloropropane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,4-Dichlorobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1-Chlorobutane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
2,2-Dichloropropane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
2-Butanone	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
2-Chlorotoluene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
2-Hexanone	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
2-Nitropropane	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
4-Chlorotoluene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
4-Methyl-2-pentanone	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Acetone	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Acrolein	NELAP	77600		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Acrylonitrile	NELAP	7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Allyl chloride	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Benzene	NELAP	776		6240	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Bromobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Bromochloromethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Bromodichloromethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Bromoform	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Bromomethane	NELAP	7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Carbon disulfide	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Carbon tetrachloride	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Chlorobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Chloroethane	NELAP	7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Chloroform	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Chloromethane	NELAP	7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3100		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Cyclohexanone		77600		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Dibromochloromethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Dibromomethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Dichlorodifluoromethane	NELAP	7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Ethyl acetate	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Ethyl ether	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Ethyl methacrylate	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-008  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (20)  
**Collection Date:** 10/14/2010 3:14:00 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>								
Ethylbenzene	NELAP	3880	J	<b>3500</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Heptane		15500		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Hexachlorobutadiene	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Hexachloroethane	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Iodomethane	NELAP	7760		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Isopropylbenzene	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
m,p-Xylenes	NELAP	3880		<b>9510</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Methacrylonitrile	NELAP	38800		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Methyl Methacrylate	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Methyl tert-butyl ether	NELAP	1550		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Methylacrylate		7760		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Methylene chloride	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Naphthalene	NELAP	7760		<b>71900</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
n-Butylbenzene	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
n-Hexane		15500		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Nitrobenzene	NELAP	77600		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
n-Propylbenzene	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
o-Xylene	NELAP	3880		<b>4480</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Pentachloroethane	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
p-Isopropyltoluene	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Propionitrile	NELAP	38800		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
sec-Butylbenzene	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Styrene	NELAP	3880		<b>5190</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
tert-Butylbenzene	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Tetrachloroethene	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Tetrahydrofuran	NELAP	38800		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Toluene	NELAP	3880		<b>18400</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3100		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Trichloroethene	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Trichlorofluoromethane	NELAP	3880		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Vinyl acetate	NELAP	38800		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Vinyl chloride	NELAP	1550		<b>ND</b>	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>102.4</b>	%REC	500	10/18/2010 2:03:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		<b>101.0</b>	%REC	500	10/18/2010 2:03:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		<b>103.8</b>	%REC	500	10/18/2010 2:03:00 PM	RWE
Surr: Toluene-d8		86-116		<b>99.7</b>	%REC	500	10/18/2010 2:03:00 PM	RWE

**SW-846 7471A**



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-008  
**Report Date:** 28-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (20)  
**Collection Date:** 10/14/2010 3:14:00 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	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.565		<b>&lt; 0.565</b>	mg/Kg-dry	1	10/21/2010 9:42:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		<b>&lt; 0.56</b>	mg/Kg-dry	1	10/22/2010 11:33:00 AM	KNS

### Sample Narrative

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

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

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

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:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100630

**Report Date:** 28-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100630-001A	P6-B5.5-W (3)	10/13/2010	Solid	SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:36 PM	10/19/2010 11:55:11 PM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:36 PM	10/20/2010 11:43:07 AM
				SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD	10/18/2010 12:52:37 PM	10/19/2010 2:45:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	10/18/2010 12:52:37 PM	10/19/2010 12:25:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:50:07 PM	10/17/2010 6:24:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:46:51 PM	10/15/2010 10:31:00 PM
				SW-846 7471A	10/18/2010 10:02:50 AM	10/18/2010
10100630-001B				EPA SW846 3550C, 5035A, ASTM D2974		10/15/2010 3:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/15/2010 3:00:00 PM
				SW-846 9012A		10/21/2010 9:42:00 AM
				SW-846 9012A (Total)		10/20/2010 10:22:00 AM
10100630-001C				SW-846 8151A, Chlorinated Herbicides by GC/ECD		10/23/2010 12:23:00 PM
10100630-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/15/2010 3:30:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/18/2010 10:40:00 AM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/19/2010 11:21:00 AM
10100630-002A	P6-B5.5-W (8)			SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:36 PM	10/20/2010 12:01:03 AM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:36 PM	10/20/2010 11:46:01 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:50:07 PM	10/17/2010 2:40:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:46:51 PM	10/15/2010 6:45:00 PM
				SW-846 7471A	10/18/2010 10:02:50 AM	10/18/2010
10100630-002B				EPA SW846 3550C, 5035A, ASTM D2974		10/15/2010 3:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/15/2010 3:00:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100630

**Report Date:** 28-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100630-002B	P6-B5.5-W (8)	10/13/2010	Solid	SW-846 9012A		10/20/2010 10:22:00 AM
				SW-846 9012A (Total)		10/20/2010 10:22:00 AM
10100630-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/15/2010 3:59:00 PM
10100630-003A	P6-BC5.5-W (3)			SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:36 PM	10/20/2010 12:17:52 AM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:36 PM	10/20/2010 11:54:43 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:50:07 PM	10/17/2010 7:01:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:46:51 PM	10/15/2010 11:03:00 PM
				SW-846 7471A	10/18/2010 10:02:50 AM	10/18/2010
10100630-003B				EPA SW846 3550C, 5035A, ASTM D2974		10/15/2010 3:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/15/2010 3:00:00 PM
				SW-846 9012A		10/20/2010 10:22:00 AM
				SW-846 9012A (Total)		10/20/2010 10:22:00 AM
10100630-003E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/15/2010 4:28:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/18/2010 11:10:00 AM
10100630-004A	P6-BC5.5-W (8)			SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:36 PM	10/20/2010 12:39:31 AM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:36 PM	10/20/2010 11:57:37 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:50:07 PM	10/17/2010 3:15:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:46:51 PM	10/15/2010 7:17:00 PM
				SW-846 7471A	10/18/2010 10:02:50 AM	10/18/2010
10100630-004B				EPA SW846 3550C, 5035A, ASTM D2974		10/15/2010 3:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/15/2010 3:00:00 PM
				SW-846 9012A		10/20/2010 10:22:00 AM

ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100630

**Report Date:** 28-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100630-004B	P6-BC5.5-W (8)	10/13/2010	Solid	SW-846 9012A (Total)		10/20/2010 10:22:00 AM
10100630-004E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/15/2010 4:57:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/18/2010 11:39:00 AM
10100630-005A	P6-C5.5-W (3)	10/14/2010		SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:36 PM	10/20/2010 12:45:11 AM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:36 PM	10/20/2010 12:00:32 PM
				SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD	10/18/2010 12:52:37 PM	10/19/2010 3:58:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	10/18/2010 12:52:37 PM	10/19/2010 1:17:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:50:07 PM	10/17/2010 3:52:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:46:51 PM	10/15/2010 8:21:00 PM
				SW-846 7471A	10/18/2010 10:02:50 AM	10/18/2010
10100630-005B				EPA SW846 3550C, 5035A, ASTM D2974		10/15/2010 3:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/15/2010 3:00:00 PM
				SW-846 9012A		10/21/2010 9:42:00 AM
				SW-846 9012A (Total)		10/20/2010 10:22:00 AM
10100630-005C				SW-846 8151A, Chlorinated Herbicides by GC/ECD		10/23/2010 1:11:00 PM
10100630-005F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/15/2010 5:26:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/18/2010 12:08:00 PM
10100630-006A	P6-C5.5-W (8)			SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:36 PM	10/20/2010 12:50:49 AM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:36 PM	10/20/2010 12:10:08 PM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:36 PM	10/20/2010 1:11:09 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:50:07 PM	10/17/2010 5:47:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:46:51 PM	10/15/2010 7:49:00 PM

ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100630

**Report Date:** 28-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100630-006A	P6-C5.5-W (8)	10/14/2010	Solid	SW-846 7471A	10/18/2010 10:02:50 AM	10/18/2010
10100630-006B				EPA SW846 3550C, 5035A, ASTM D2974		10/15/2010 3:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/15/2010 3:00:00 PM
				SW-846 9012A		10/21/2010 9:42:00 AM
				SW-846 9012A (Total)		10/20/2010 10:22:00 AM
10100630-006E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/15/2010 5:55:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/18/2010 12:36:00 PM
10100630-007A	P6-A5.5-W (21)			SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:37 PM	10/20/2010 12:56:27 AM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:37 PM	10/20/2010 12:13:02 PM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:37 PM	10/20/2010 1:14:05 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:50:07 PM	10/17/2010 4:30:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:46:52 PM	10/15/2010 9:26:00 PM
				SW-846 7471A	10/18/2010 10:02:50 AM	10/18/2010
10100630-007B				EPA SW846 3550C, 5035A, ASTM D2974		10/15/2010 3:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/15/2010 3:00:00 PM
				SW-846 9012A		10/20/2010 10:22:00 AM
				SW-846 9012A (Total)		10/20/2010 10:22:00 AM
10100630-007E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/15/2010 6:24:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/18/2010 1:34:00 PM
10100630-008A	P6-B5.5-W (20)			SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:37 PM	10/20/2010 1:02:05 AM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:37 PM	10/20/2010 12:15:57 PM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 12:37:37 PM	10/20/2010 1:17:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100630

**Report Date:** 28-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100630-008A	P6-B5.5-W (20)	10/14/2010	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:50:07 PM	10/17/2010 5:08:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:46:52 PM	10/15/2010 9:58:00 PM
				SW-846 7471A	10/18/2010 10:02:50 AM	10/18/2010
10100630-008B				EPA SW846 3550C, 5035A, ASTM D2974		10/15/2010 3:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/15/2010 3:00:00 PM
				SW-846 9012A		10/21/2010 9:42:00 AM
				SW-846 9012A (Total)		10/20/2010 10:22:00 AM
				SW-846 9012A (Total)		10/22/2010 11:33:00 AM
10100630-008E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/15/2010 6:54:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/18/2010 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.

<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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MB-R141599</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>	Analysis Date: <b>10/21/2010</b>				SeqNo: <b>2768019</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-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>	Analysis Date: <b>10/21/2010</b>				SeqNo: <b>2768020</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.03	0.01	0.02500	0	106.6	85	115				
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Sample ID: <b>MB-R141599</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>	Analysis Date: <b>10/21/2010</b>				SeqNo: <b>2768021</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-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>	Analysis Date: <b>10/21/2010</b>				SeqNo: <b>2768022</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.03	0.01	0.02500	0	103.5	85	115				
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Sample ID: <b>LCS-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>	Analysis Date: <b>10/21/2010</b>				SeqNo: <b>2768023</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.03	0.01	0.02500	0	101.5	85	115				
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Sample ID: <b>LCS-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>	Analysis Date: <b>10/21/2010</b>				SeqNo: <b>2768024</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>141599</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>		Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768024</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.03	0.01	0.02500	0	102.4	85	115				

Sample ID: <b>10100630-008BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>141655</b>							
Client ID: <b>P6-B5.5-W (20)MS</b>	Batch ID: <b>R141655</b>		Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2769672</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	1.58	0.56	1.411	0	111.7	75	125				

Sample ID: <b>10100630-008BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>141655</b>							
Client ID: <b>P6-B5.5-W (20)MSD</b>	Batch ID: <b>R141655</b>		Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2769673</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	1.59	0.56	1.411	0	112.3	75	125	1.576	0.572	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: I\_TS\_M\_MT

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-R141400</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>141400</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141400</b>		Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762570</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>141400</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141400</b>		Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762571</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	101.0	90	110				

Sample ID: <b>10100630-001BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>141400</b>							
Client ID: <b>P6-B5.5-W (3)DUP</b>	Batch ID: <b>R141400</b>		Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762582</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	78.8	0.1						77.62	1.53	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_HG\_SOLID

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MB-63772</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141421</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63772</b>	<b>SOP 3063</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763096</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-63772</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141421</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63772</b>	<b>SOP 3063</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763097</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 0 106.4 85 115

Sample ID: <b>10100630-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141421</b>							
Client ID: <b>P6-B5.5-W (3)MS</b>	Batch ID: <b>63772</b>	<b>SOP 3063</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763105</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.375 0.012 0.3067 0.04785 106.6 75 125

Sample ID: <b>10100630-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141421</b>							
Client ID: <b>P6-B5.5-W (3)MSD</b>	Batch ID: <b>63772</b>	<b>SOP 3063</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763108</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.356 0.012 0.3067 0.04785 100.4 75 125 0.3748 5.21 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MB-63771</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141429</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763404</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	0.5500	0	0	-100	100				

Sample ID: <b>LCS-63771</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141429</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763405</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	197	2.50	200.0	0	98.4	85	115				
Barium	192	0.50	200.0	0	96.2	85	115				
Cadmium	4.85	0.20	5.000	0	97.0	85	115				
Chromium	20.3	1.00	20.00	0	101.7	85	115				
Lead	51.1	4.00	50.00	0	102.2	85	115				
Selenium	193	4.00	200.0	0	96.6	85	115				
Silver	5.07	0.55	5.000	0	101.4	85	115				

Sample ID: <b>10100630-002AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141508</b>				
Client ID: <b>P6-B5.5-W (8)MS</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2765612</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	170	2.27	181.8	2.673	91.9	75	125				
Barium	221	0.45	181.8	73.32	81.2	75	125				
Chromium	26.2	0.91	18.18	9.173	93.8	75	125				
Lead	48.6	3.64	45.45	10.48	84.0	75	125				
Selenium	170	3.64	181.8	0	93.4	75	125				
Silver	4.91	0.50	4.545	0.6091	94.6	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>10100630-002AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141508</b>					
Client ID: <b>P6-B5.5-W (8)MSD</b>	Batch ID: <b>63771</b>	SOP <b>3032</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2765613</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Arsenic	168	2.27	181.8	2.673	90.7	75	125	169.8	1.29	20		
Barium	221	0.45	181.8	73.32	81.4	75	125	221.0	0.164	20		
Chromium	27.6	0.91	18.18	9.173	101.3	75	125	26.23	5.03	20		
Lead	49.5	3.64	45.45	10.48	85.9	75	125	48.65	1.78	20		
Selenium	170	3.64	181.8	0	93.6	75	125	169.7	0.267	20		
Silver	5.09	0.50	4.545	0.6091	98.6	75	125	4.909	3.64	20		

Sample ID: <b>MB-63771</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141525</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63771</b>	SOP <b>3032</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2766298</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100					

Sample ID: <b>10100630-002AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141525</b>					
Client ID: <b>P6-B5.5-W (8)MS</b>	Batch ID: <b>63771</b>	SOP <b>3032</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2766303</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Cadmium	4.74	0.18	4.545	1.027	81.6	75	125					

Sample ID: <b>10100630-002AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141525</b>					
Client ID: <b>P6-B5.5-W (8)MSD</b>	Batch ID: <b>63771</b>	SOP <b>3032</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2766304</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Cadmium	4.79	0.18	4.545	1.027	82.8	75	125	4.736	1.15	20		

Sample ID: <b>LCS-63771</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141525</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63771</b>	SOP <b>3032</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2766403</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Cadmium	4.89	0.20	5.000	0	97.8	85	115					

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SC\_8151S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MB-R141753</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg-dry</b>		Prep Date:		RunNo: <b>141753</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>R141753</b>				Analysis Date: <b>10/23/2010</b>		SeqNo: <b>2772884</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	ND	0.05									
2,4,5-TP (Silvex)	ND	0.05									
2,4-D	ND	0.05									
2,4-DB	ND	0.05									
3,5-Dichlorobenzoic Acid	ND	0.05									
Acifluorfen	ND	0.05									
Bentazon	ND	0.05									
Chloramben	ND	0.05									
Dalapon	ND	0.05									
DCPA	ND	0.05									
Dicamba	ND	0.05									
Dichlorprop	ND	0.05									
Dinoseb	ND	0.05									
Pentachlorophenol	ND	0.05									
Picloram	ND	0.05									
Surr: DCAA	0.04		0.07600		51.7	50	136				

Sample ID: <b>LCS-R141753</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg-dry</b>		Prep Date:		RunNo: <b>141753</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>R141753</b>				Analysis Date: <b>10/23/2010</b>		SeqNo: <b>2772885</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	0.014	0.050	0.02667	0	52.5	50	148				J
2,4,5-TP (Silvex)	0.023	0.050	0.02667	0	86.2	50	150				J
2,4-D	0.038	0.050	0.05333	0	71.3	50	150				J
2,4-DB	0.162	0.050	0.2133	0	75.9	50	150				J
3,5-Dichlorobenzoic Acid	0.021	0.050	0.02667	0	78.7	50	139				J
Acifluorfen	0.016	0.050	0.02667	0	60.0	50	150				J
Bentazon	0.056	0.050	0.05333	0	105.0	50	137				J
Chloramben	0.013	0.050	0.02667	0	48.7	16	106				J
Dalapon	0.165	0.050	0.3467	0	47.6	18	103				J
DCPA	0.009	0.050	0.02667	0	33.7	50	150				JS

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SC\_8151S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dicamba	0.017	0.050	0.02667	0	63.7	50	150				J
Dichlorprop	0.045	0.050	0.08000	0	56.2	50	150				J
Dinoseb	0.006	0.050	0.05333	0	11.3	10	69				J
Pentachlorophenol	0.006	0.050	0.02667	0	22.5	50	139				JS
Picloram	0.016	0.050	0.02667	0	60.0	50	150				J
Surr: DCAA	0.041		0.07600		53.9	50	136				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MB-63774</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141518</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63774</b>	<b>SW3550B</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2765885</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	1.67									
4,4'-DDE	ND	1.67									
4,4'-DDT	ND	1.67									
Alachlor	ND	1.67									
Aldrin	ND	1.67									
alpha-BHC	ND	1.67									
alpha-Chlordane	ND	1.67									
beta-BHC	ND	1.67									
Chlordane	ND	3.34									
delta-BHC	ND	1.67									
Dieldrin	ND	1.67									
Endosulfan I	ND	1.67									
Endosulfan II	ND	1.67									
Endosulfan sulfate	ND	1.67									
Endrin	ND	1.67									
Endrin aldehyde	ND	1.67									
Endrin ketone	ND	1.67									
gamma-BHC	ND	1.67									
gamma-Chlordane	ND	1.67									
Heptachlor	ND	1.67									
Heptachlor epoxide	ND	1.67									
Methoxychlor	ND	1.67									
Toxaphene	ND	30.0									
Surr: Decachlorobiphenyl	12.4		8.330		148.6	73.5	150				
Surr: Tetrachloro-m-xylene	7.19		8.330		86.4	14.4	113				

Sample ID: <b>LCSPST-63774</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141518</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63774</b>	<b>SW3550B</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2765886</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	7.40	1.67	8.330	0	88.8	36	208				



Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCSPST-63774</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>			Prep Date: <b>10/18/2010</b>		RunNo: <b>141518</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63774</b>		<b>SW3550B</b>			Analysis Date: <b>10/19/2010</b>		SeqNo: <b>2765886</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDE	7.38	1.67	8.330	0	88.6	26	191				
4,4'-DDT	8.86	1.67	8.330	0	106.3	3	215				
Alachlor	9.30	1.67	8.330	0	111.7	30	170				
Aldrin	6.43	1.67	8.330	0	77.1	46	173				
alpha-BHC	5.38	1.67	8.330	0	64.5	37	179				
alpha-Chlordane	7.63	1.67	8.330	0	91.6	38	187				
beta-BHC	7.10	1.67	8.330	0	85.2	51	185				
delta-BHC	6.85	1.67	8.330	0	82.3	46	166				
Dieldrin	7.36	1.67	8.330	0	88.3	26	216				
Endosulfan I	7.51	1.67	8.330	0	90.2	31	205				
Endosulfan II	8.07	1.67	8.330	0	96.8	42	187				
Endosulfan sulfate	9.75	1.67	8.330	0	117.0	29	230				
Endrin	7.80	1.67	8.330	0	93.7	30	215				
Endrin aldehyde	8.44	1.67	8.330	0	101.3	42	202				
Endrin ketone	9.32	1.67	8.330	0	111.8	19	244				
gamma-BHC	6.28	1.67	8.330	0	75.4	55	166				
gamma-Chlordane	7.71	1.67	8.330	0	92.5	23	186				
Heptachlor	6.70	1.67	8.330	0	80.5	43	172				
Heptachlor epoxide	7.23	1.67	8.330	0	86.8	39	204				
Methoxychlor	9.52	1.67	8.330	0	114.3	3	221				
Surr: Decachlorobiphenyl	12.9		8.330		155.3	50.4	176				
Surr: Tetrachloro-m-xylene	7.15		8.330		85.8	10	107				

Sample ID: <b>10100630-001AMS</b>		SampType: <b>MS</b>		Units: <b>µg/Kg-dry</b>			Prep Date: <b>10/18/2010</b>		RunNo: <b>141518</b>		
Client ID: <b>P6-B5.5-W (3)MS</b>		Batch ID: <b>63774</b>		<b>SW3550B</b>			Analysis Date: <b>10/19/2010</b>		SeqNo: <b>2765888</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	19.9	4.24	21.13	0	94.4	36	208				
4,4'-DDE	15.3	4.24	21.13	0	72.7	26	191				
4,4'-DDT	16.9	4.24	21.13	0	79.9	3	215				
Alachlor	18.5	4.24	21.13	0	87.7	30	170				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: 10100630-001AMS		SampType: MS		Units: µg/Kg-dry		Prep Date: 10/18/2010		RunNo: 141518			
Client ID: P6-B5.5-W (3)MS		Batch ID: 63774		SW3550B		Analysis Date: 10/19/2010		SeqNo: 2765888			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	14.7	4.24	21.13	0	69.4	46	173				
alpha-BHC	13.7	4.24	21.13	0	64.8	37	179				
alpha-Chlordane	21.3	4.24	21.13	0	100.9	38	187				
beta-BHC	16.8	4.24	21.13	0	79.6	51	185				
delta-BHC	14.0	4.24	21.13	0	66.2	46	166				
Dieldrin	15.2	4.24	21.13	0	71.7	26	216				
Endosulfan I	13.6	4.24	21.13	0	64.5	31	205				
Endosulfan II	15.1	4.24	21.13	0	71.6	42	187				
Endosulfan sulfate	46.3	4.24	21.13	0	219.1	29	230				
Endrin	19.7	4.24	21.13	0	93.2	30	215				
Endrin aldehyde	12.0	4.24	21.13	0	56.7	42	202				
Endrin ketone	20.3	4.24	21.13	0	96.0	19	244				
gamma-BHC	16.8	4.24	21.13	0	79.4	55	166				
gamma-Chlordane	17.3	4.24	21.13	0	81.9	23	186				
Heptachlor	14.5	4.24	21.13	0	68.5	43	172				
Heptachlor epoxide	15.6	4.24	21.13	0	74.0	39	204				
Methoxychlor	32.2	4.24	21.13	0	152.3	3	221				
Surr: Decachlorobiphenyl	19.2		21.13		90.8	48	149				
Surr: Tetrachloro-m-xylene	23.1		21.13		109.2	19	145				

Sample ID: 10100630-001AMSD		SampType: MSD		Units: µg/Kg-dry		Prep Date: 10/18/2010		RunNo: 141518			
Client ID: P6-B5.5-W (3)MSD		Batch ID: 63774		SW3550B		Analysis Date: 10/19/2010		SeqNo: 2765889			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	17.9	4.23	21.10	0	84.9	36	208	19.95	10.8	40	
4,4'-DDE	16.4	4.23	21.10	0	77.7	26	191	15.35	6.54	40	
4,4'-DDT	18.4	4.23	21.10	0	87.1	3	215	16.89	8.41	40	
Alachlor	19.8	4.23	21.10	0	93.6	30	170	18.53	6.37	40	
Aldrin	15.3	4.23	21.10	0	72.7	46	173	14.66	4.46	40	
alpha-BHC	14.2	4.23	21.10	0	67.5	37	179	13.70	3.82	40	
alpha-Chlordane	23.5	4.23	21.10	0	111.5	38	187	21.31	9.86	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
beta-BHC	17.6	4.23	21.10	0	83.2	51	185	16.82	4.23	40	
delta-BHC	14.5	4.23	21.10	0	68.7	46	166	13.99	3.50	40	
Dieldrin	15.9	4.23	21.10	0	75.3	26	216	15.15	4.78	40	
Endosulfan I	14.6	4.23	21.10	0	69.0	31	205	13.62	6.64	40	
Endosulfan II	15.7	4.23	21.10	0	74.3	42	187	15.12	3.55	40	
Endosulfan sulfate	43.2	4.23	21.10	0	204.6	29	230	46.28	6.95	40	
Endrin	21.3	4.23	21.10	0	100.9	30	215	19.69	7.77	40	
Endrin aldehyde	10.3	4.23	21.10	0	48.8	42	202	11.99	15.2	40	
Endrin ketone	21.9	4.23	21.10	0	104.0	19	244	20.28	7.85	40	
gamma-BHC	17.3	4.23	21.10	0	82.1	55	166	16.77	3.19	40	
gamma-Chlordane	18.2	4.23	21.10	0	86.1	23	186	17.30	4.93	40	
Heptachlor	14.7	4.23	21.10	0	69.7	43	172	14.46	1.67	40	
Heptachlor epoxide	16.8	4.23	21.10	0	79.6	39	204	15.64	7.19	40	
Methoxychlor	36.0	4.23	21.10	0	170.5	3	221	32.18	11.1	40	
Surr: Decachlorobiphenyl	26.6		21.10		126.0	48	149		0	40	
Surr: Tetrachloro-m-xylene	24.2		21.10		114.8	19	145		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8082S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MB-63774</b>		SampType: <b>MBLK</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/18/2010</b>		RunNo: <b>141475</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63774</b>		<b>SW3550B</b>		Analysis Date: <b>10/19/2010</b>		SeqNo: <b>2764689</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	37.5									
Aroclor 1221	ND	37.5									
Aroclor 1232	ND	37.5									
Aroclor 1242	ND	37.5									
Aroclor 1248	ND	37.5									
Aroclor 1254	ND	37.5									
Aroclor 1260	ND	37.5									
Surr: Decachlorobiphenyl	9.6		8.300		115.5	47.2	128				
Surr: Tetrachloro-meta-xylene	5.9		8.300		70.7	21	98.9				

Sample ID: <b>LCSPCB-63774</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/18/2010</b>		RunNo: <b>141475</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63774</b>		<b>SW3550B</b>		Analysis Date: <b>10/19/2010</b>		SeqNo: <b>2764690</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	150	37.5	166.7	0	90.1	54.9	121				
Aroclor 1260	154	37.5	166.7	0	92.5	65.5	133				
Surr: Decachlorobiphenyl	11.3		8.300		136.7	47.2	128				S
Surr: Tetrachloro-meta-xylene	7.3		8.300		88.1	21	98.9				

Sample ID: <b>10100630-001AMSP</b>		SampType: <b>MS</b>		Units: <b>µg/Kg-dry</b>		Prep Date: <b>10/18/2010</b>		RunNo: <b>141475</b>			
Client ID: <b>P6-B5.5-W (3)MS</b>		Batch ID: <b>63774</b>		<b>SW3550B</b>		Analysis Date: <b>10/19/2010</b>		SeqNo: <b>2765801</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	314	95.1	422.8	0	74.2	35.8	143				
Aroclor 1260	310	95.1	422.8	0	73.3	22.3	152				
Surr: Decachlorobiphenyl	16.5		21.05		78.4	5	156				
Surr: Tetrachloro-meta-xylene	16.9		21.05		80.2	7.35	123				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8082S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>10100630-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>µg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141475</b>							
Client ID: <b>P6-B5.5-W (3)MSD</b>	Batch ID: <b>63774</b>	<b>SW3550B</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2765802</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	324	95.6	425.0	0	76.3	35.8	143	313.6	3.35	40	
Aroclor 1260	333	95.6	425.0	0	78.3	22.3	152	309.9	7.10	40	
Surr: Decachlorobiphenyl	20.8		21.16		98.1	5	156		0	40	
Surr: Tetrachloro-meta-xylene	18.3		21.16		86.3	7.35	123		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MB-63718</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141392</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63718</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762338</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	0.034									
Acenaphthylene	ND	0.034									
Aniline	ND	0.500									
Anthracene	ND	0.034									
Azobenzene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MB-63718</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141392</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63718</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762338</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	0.034									
Benzo(a)pyrene	ND	0.034									
Benzo(b)fluoranthene	ND	0.034									
Benzo(g,h,i)perylene	ND	0.034									
Benzo(k)fluoranthene	ND	0.034									
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	0.034									
Dibenzo(a,h)anthracene	ND	0.034									
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	0.034									
Fluorene	ND	0.034									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.034									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.034									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MB-63718</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141392</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63718</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762338</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	0.034									
Phenol	ND	0.350									
Pyrene	ND	0.034									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.43		1.670		85.8	52.1	113				
Surr: 2-Fluorobiphenyl	0.663		0.8350		79.4	46.3	106				
Surr: 2-Fluorophenol	1.23		1.670		73.9	50.6	89				
Surr: Nitrobenzene-d5	0.666		0.8350		79.8	42.4	99.2				
Surr: Phenol-d5	1.27		1.670		76.3	55.9	98.5				
Surr: p-Terphenyl-d14	0.732		0.8350		87.6	45.5	115				

Sample ID: <b>LCS-63718</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141392</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63718</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762339</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.17	0.500	1.670	0	70.3	43.9	92.2				
1,4-Dichlorobenzene	1.10	0.500	1.670	0	65.9	43.8	84.1				
2,4,5-Trichlorophenol	2.94	0.350	3.330	0	88.1	38.6	123				
2,4,6-Trichlorophenol	2.90	0.350	3.330	0	87.0	35.9	123				
2,4-Dimethylphenol	2.47	0.500	3.330	0	74.3	38.3	88				
2,4-Dinitrophenol	2.89	1.00	3.330	0	86.8	1.88	162				
2,4-Dinitrotoluene	1.41	0.350	1.670	0	84.3	48.6	102				
2-Chlorophenol	2.33	0.500	3.330	0	70.0	46.6	84				
4-Chloro-3-methylphenol	2.74	0.500	3.330	0	82.4	51.5	94.9				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-63718</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>					Prep Date: <b>10/14/2010</b>	RunNo: <b>141392</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63718</b>	<b>SW3550B</b>					Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762339</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	3.33	0.350	3.330	0	99.9	53.2	104				
Acenaphthene	1.29	0.034	1.670	0	77.4	50.8	113				
Acenaphthylene	1.38	0.034	1.670	0	82.7	52.8	121				
Anthracene	1.27	0.034	1.670	0	76.3	53.3	115				
Benzo(a)anthracene	1.27	0.034	1.670	0	75.9	62.3	110				
Benzo(a)pyrene	1.32	0.034	1.670	0	79.0	58.2	109				
Benzo(b)fluoranthene	1.36	0.034	1.670	0	81.3	51.8	107				
Benzo(g,h,i)perylene	1.45	0.034	1.670	0	87.0	49.6	121				
Benzo(k)fluoranthene	1.56	0.034	1.670	0	93.5	63.1	129				
Bis(2-ethylhexyl)phthalate	1.54	0.350	1.670	0	92.2	56.3	109				
Chrysene	1.36	0.034	1.670	0	81.4	58.4	115				
Dibenzo(a,h)anthracene	1.45	0.034	1.670	0	86.8	54.9	120				
Diethyl phthalate	2.83	0.500	3.330	0	84.9	51.7	106				
Dimethyl phthalate	2.72	0.350	3.330	0	81.7	58.8	104				
Di-n-butyl phthalate	1.49	0.350	1.670	0	89.0	54.3	105				
Fluoranthene	1.37	0.034	1.670	0	81.8	61.6	113				
Fluorene	1.29	0.034	1.670	0	77.0	52.2	116				
Hexachlorobenzene	2.94	0.350	3.330	0	88.4	55.9	106				
Hexachlorobutadiene	2.15	0.500	3.330	0	64.6	35.7	100				
Hexachloroethane	2.23	0.500	3.330	0	66.8	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.47	0.034	1.670	0	88.0	52.7	115				
m,p-Cresol	1.21	0.500	1.670	0	72.2	37.6	93.7				
Naphthalene	1.11	0.034	1.670	0	66.6	45.7	101				
Nitrobenzene	2.40	0.500	3.330	0	72.1	51.8	104				
N-Nitroso-di-n-propylamine	1.25	0.500	1.670	0	75.1	49.1	94.5				
o-Cresol	1.21	0.500	1.670	0	72.6	43	101				
Pentachlorophenol	2.58	2.00	3.330	0	77.6	42.2	102				
Phenanthrene	1.32	0.034	1.670	0	79.0	52.9	113				
Phenol	2.32	0.350	3.330	0	69.8	41.6	81.3				
Pyrene	1.37	0.034	1.670	0	82.0	60.7	115				
Pyridine	1.61	0.500	3.330	0	48.2	3.61	74.3				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-63718</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141392</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63718</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762339</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1.41		1.670		84.6	52.1	113				
Surr: 2-Fluorobiphenyl	0.608		0.8350		72.8	46.3	106				
Surr: 2-Fluorophenol	1.17		1.670		70.1	50.6	89				
Surr: Nitrobenzene-d5	0.626		0.8350		74.9	42.4	99.2				
Surr: Phenol-d5	1.18		1.670		70.4	55.9	98.5				
Surr: p-Terphenyl-d14	0.735		0.8350		88.0	45.5	115				

Sample ID: <b>10100630-005AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141392</b>							
Client ID: <b>P6-C5.5-W (3)MS</b>	Batch ID: <b>63718</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762345</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.61	0.697	2.328	0	69.3	35.9	102				
1,4-Dichlorobenzene	1.60	0.697	2.328	0	68.6	29.8	95.5				
2,4,5-Trichlorophenol	3.15	0.488	4.642	0	67.8	38.6	123				
2,4,6-Trichlorophenol	3.21	0.488	4.642	0	69.2	35.9	123				
2,4-Dimethylphenol	2.86	0.697	4.642	0	61.6	38.3	88				
2,4-Dinitrophenol	1.74	1.39	4.642	0	37.5	1.88	162				
2,4-Dinitrotoluene	1.91	0.488	2.328	0	82.1	37.5	107				
2-Chlorophenol	2.62	0.697	4.642	0	56.4	22.6	108				
4-Chloro-3-methylphenol	3.00	0.697	4.642	0	64.7	19.3	131				
4-Nitrophenol	3.89	0.488	4.642	0	83.9	27.6	123				
Diethyl phthalate	3.87	0.697	4.642	0	83.3	51.7	106				
Dimethyl phthalate	3.75	0.488	4.642	0	80.9	58.8	104				
Di-n-butyl phthalate	2.00	0.488	2.328	0	86.0	54.3	105				
Hexachlorobenzene	4.28	0.488	4.642	0	92.2	55.9	106				
Hexachlorobutadiene	3.26	0.697	4.642	0	70.1	35.7	100				
Hexachloroethane	3.25	0.697	4.642	0	70.1	38.9	89.9				
m,p-Cresol	1.42	0.697	2.328	0	61.1	37.6	93.7				
Nitrobenzene	3.38	0.697	4.642	0	72.9	51.8	104				
N-Nitroso-di-n-propylamine	1.73	0.697	2.328	0	74.4	45.5	99.1				
o-Cresol	1.48	0.697	2.328	0	63.4	43	101				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>10100630-005AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>			Prep Date: <b>10/15/2010</b>		RunNo: <b>141392</b>		
Client ID: <b>P6-C5.5-W (3)MS</b>		Batch ID: <b>63718</b>		<b>SW3550B</b>			Analysis Date: <b>10/15/2010</b>		SeqNo: <b>2762345</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	3.13	2.79	4.642	0	67.3	18.5	113				
Phenol	2.77	0.488	4.642	0	59.7	20.8	110				
Pyridine	2.36	0.697	4.642	0	50.8	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.93		2.328		83.0	32.7	130				
Surr: 2-Fluorobiphenyl	0.591		1.164		50.8	34.1	116				
Surr: 2-Fluorophenol	1.48		2.328		63.7	30.5	99				
Surr: Nitrobenzene-d5	0.723		1.164		62.1	34.1	101				
Surr: Phenol-d5	1.59		2.328		68.1	34.9	110				
Surr: p-Terphenyl-d14	0.913		1.164		78.5	41.7	124				

Sample ID: <b>10100630-005AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>			Prep Date: <b>10/15/2010</b>		RunNo: <b>141392</b>		
Client ID: <b>P6-C5.5-W (3)MSD</b>		Batch ID: <b>63718</b>		<b>SW3550B</b>			Analysis Date: <b>10/15/2010</b>		SeqNo: <b>2762350</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.33	0.698	2.330	0	57.2	35.9	102	1.614	19.1	40	
1,4-Dichlorobenzene	1.21	0.698	2.330	0	52.1	29.8	95.5	1.598	27.4	40	
2,4,5-Trichlorophenol	3.05	0.488	4.647	0	65.7	38.6	123	3.147	3.02	40	
2,4,6-Trichlorophenol	3.01	0.488	4.647	0	64.7	35.9	123	3.214	6.67	40	
2,4-Dimethylphenol	2.77	0.698	4.647	0	59.7	38.3	88	2.861	3.16	40	
2,4-Dinitrophenol	1.0	1.40	4.647	0	22.1	1.88	162	1.739	0	40	J
2,4-Dinitrotoluene	1.37	0.488	2.330	0	58.6	37.5	107	1.912	33.3	40	
2-Chlorophenol	2.54	0.698	4.647	0	54.7	22.6	108	2.619	3.00	40	
4-Chloro-3-methylphenol	2.92	0.698	4.647	0	62.9	19.3	131	3.001	2.64	40	
4-Nitrophenol	3.44	0.488	4.647	0	74.0	27.6	123	3.894	12.4	40	
Diethyl phthalate	2.69	0.698	4.647	0	57.9	51.7	106	3.866	35.9	40	
Dimethyl phthalate	2.53	0.488	4.647	0	54.5	58.8	104	3.754	38.8	40	S
Di-n-butyl phthalate	1.41	0.488	2.330	0	60.7	54.3	105	2.001	34.4	40	
Hexachlorobenzene	3.06	0.488	4.647	0	65.9	55.9	106	4.281	33.2	40	
Hexachlorobutadiene	2.50	0.698	4.647	0	53.9	35.7	100	3.256	26.1	40	
Hexachloroethane	2.42	0.698	4.647	0	52.1	38.9	89.9	3.253	29.3	40	
m,p-Cresol	1.36	0.698	2.330	0	58.3	37.6	93.7	1.423	4.64	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrobenzene	2.51	0.698	4.647	0	54.0	51.8	104	3.382	29.6	40	
N-Nitroso-di-n-propylamine	1.30	0.698	2.330	0	55.8	45.5	99.1	1.732	28.5	40	
o-Cresol	1.35	0.698	2.330	0	57.8	43	101	1.477	9.15	40	
Pentachlorophenol	3.03	2.79	4.647	0	65.1	18.5	113	3.125	3.24	40	
Phenol	2.52	0.488	4.647	0	54.1	20.8	110	2.770	9.63	40	
Pyridine	1.78	0.698	4.647	0	38.3	3.61	74.3	2.360	28.2	40	
Surr: 2,4,6-Tribromophenol	1.41		2.330		60.4	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	0.472		1.165		40.5	34.1	116		0	40	
Surr: 2-Fluorophenol	1.22		2.330		52.2	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.510		1.165		43.8	34.1	101		0	40	
Surr: Phenol-d5	1.22		2.330		52.3	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.681		1.165		58.5	41.7	124		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MB-63735</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/15/2010</b>		RunNo: <b>141385</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63735</b>		<b>SW3550B</b>		Analysis Date: <b>10/15/2010</b>		SeqNo: <b>2762351</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	0.137		0.1670		81.9	17.5	123				
Surr: Nitrobenzene-d5	0.153		0.1670		91.5	35	105				
Surr: p-Terphenyl-d14	0.158		0.1670		94.7	53.6	122				

Sample ID: <b>LCS-63735</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/15/2010</b>		RunNo: <b>141385</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63735</b>		<b>SW3550B</b>		Analysis Date: <b>10/15/2010</b>		SeqNo: <b>2762353</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.135	0.003	0.1670	0	80.9	56.3	115				
Acenaphthylene	0.126	0.003	0.1670	0	75.2	60.3	143				
Anthracene	0.125	0.003	0.1670	0	74.9	52.1	109				
Benzo(a)anthracene	0.132	0.003	0.1670	0	79.2	52.8	112				
Benzo(a)pyrene	0.131	0.003	0.1670	0	78.7	40.8	127				
Benzo(b)fluoranthene	0.145	0.003	0.1670	0	86.6	50.1	150				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-63735</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/15/2010</b>			RunNo: <b>141385</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63735</b>		<b>SW3550B</b>		Analysis Date: <b>10/15/2010</b>			SeqNo: <b>2762353</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	0.153	0.003	0.1670	0	91.4	52.8	145				
Benzo(k)fluoranthene	0.146	0.003	0.1670	0	87.5	52	153				
Bis(2-ethylhexyl)phthalate	0.158	0.067	0.1670	0	94.6	50	150				
Chrysene	0.144	0.003	0.1670	0	86.3	60.8	128				
Dibenzo(a,h)anthracene	0.155	0.003	0.1670	0	93.1	54.9	150				
Fluoranthene	0.148	0.003	0.1670	0	88.8	58.7	125				
Fluorene	0.137	0.003	0.1670	0	82.3	57.8	125				
Indeno(1,2,3-cd)pyrene	0.156	0.003	0.1670	0	93.6	52	147				
Naphthalene	0.127	0.003	0.1670	0	76.3	54.8	113				
Phenanthrene	0.133	0.003	0.1670	0	79.8	60.4	121				
Pyrene	0.141	0.003	0.1670	0	84.6	57.9	129				
Surr: 2-Fluorobiphenyl	0.130		0.1670		77.6	35.3	113				
Surr: Nitrobenzene-d5	0.140		0.1670		83.6	33.9	108				
Surr: p-Terphenyl-d14	0.147		0.1670		88.2	58.4	122				

Sample ID: <b>10100630-003AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/15/2010</b>			RunNo: <b>141399</b>		
Client ID: <b>P6-BC5.5-W (3)MS</b>		Batch ID: <b>63735</b>		<b>SW3550B</b>		Analysis Date: <b>10/17/2010</b>			SeqNo: <b>2762480</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.215	0.021	0.2095	0	102.7	36	135				
Acenaphthylene	1.58	0.021	0.2095	0.5804	476.9	17.2	167				S
Anthracene	0.329	0.021	0.2095	0.07008	123.7	39.3	124				
Benzo(a)anthracene	0.387	0.021	0.2095	0.1290	123.2	10	183				
Benzo(a)pyrene	2.11	0.021	0.2095	0.8737	591.2	10	204				S
Benzo(b)fluoranthene	1.60	0.021	0.2095	0.6180	470.0	10.6	178				S
Benzo(g,h,i)perylene	1.66	0.021	0.2095	0.7858	416.8	10	168				S
Benzo(k)fluoranthene	0.522	0.021	0.2095	0.1580	173.9	27.6	181				
Bis(2-ethylhexyl)phthalate	ND	0.420	0.2095	0	0	50	150				S
Chrysene	0.270	0.021	0.2095	0.06148	99.4	10	176				
Dibenzo(a,h)anthracene	0.469	0.021	0.2095	0.1465	153.7	12.2	156				
Fluoranthene	0.376	0.021	0.2095	0.1079	128.1	10	227				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: 10100630-003AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 10/15/2010		RunNo: 141399			
Client ID: P6-BC5.5-W (3)MS		Batch ID: 63735		SW3550B		Analysis Date: 10/17/2010		SeqNo: 2762480			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	0.333	0.021	0.2095	0.04385	138.2	35.2	148				
Indeno(1,2,3-cd)pyrene	1.31	0.021	0.2095	0.5686	351.9	10	164				S
Naphthalene	0.182	0.021	0.2095	0	86.7	14.7	128				
Phenanthrene	0.185	0.021	0.2095	0	88.2	32.8	143				
Pyrene	0.900	0.021	0.2095	0.4041	236.5	10	180				S
Surr: 2-Fluorobiphenyl	0.697		1.045		66.7	10	131				
Surr: Nitrobenzene-d5	0.918		1.045		87.9	10	132				
Surr: p-Terphenyl-d14	0.967		1.045		92.6	30.6	131				

Sample ID: 10100630-003AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 10/15/2010		RunNo: 141399			
Client ID: P6-BC5.5-W (3)MSD		Batch ID: 63735		SW3550B		Analysis Date: 10/17/2010		SeqNo: 2762481			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.165	0.021	0.2102	0	78.5	36	135	0.2151	26.3	49.7	
Acenaphthylene	0.846	0.021	0.2102	0.5804	126.5	17.2	167	1.580	60.5	33.3	R
Anthracene	0.217	0.021	0.2102	0.07008	69.9	39.3	124	0.3293	41.1	51.1	
Benzo(a)anthracene	0.242	0.021	0.2102	0.1290	53.9	10	183	0.3872	46.0	40.6	R
Benzo(a)pyrene	1.18	0.021	0.2102	0.8737	147.1	10	204	2.112	56.4	56.4	R
Benzo(b)fluoranthene	0.859	0.021	0.2102	0.6180	114.9	10.6	178	1.603	60.4	49.7	R
Benzo(g,h,i)perylene	0.940	0.021	0.2102	0.7858	73.2	10	168	1.659	55.4	36.5	R
Benzo(k)fluoranthene	0.322	0.021	0.2102	0.1580	77.9	27.6	181	0.5223	47.5	42.6	R
Bis(2-ethylhexyl)phthalate	ND	0.422	0.2102	0	0	50	150	0	0	60.3	S
Chrysene	0.212	0.021	0.2102	0.06148	71.7	10	176	0.2697	23.8	45.1	
Dibenzo(a,h)anthracene	0.298	0.021	0.2102	0.1465	72.1	12.2	156	0.4685	44.5	39.9	R
Fluoranthene	0.239	0.021	0.2102	0.1079	62.4	10	227	0.3761	44.6	66.2	
Fluorene	0.228	0.021	0.2102	0.04385	87.6	35.2	148	0.3335	37.6	65.6	
Indeno(1,2,3-cd)pyrene	0.752	0.021	0.2102	0.5686	87.0	10	164	1.306	53.9	36.5	R
Naphthalene	0.140	0.021	0.2102	0	66.5	14.7	128	0.1817	26.1	39.6	
Phenanthrene	0.151	0.021	0.2102	0	72.0	32.8	143	0.1848	20.0	35.4	
Pyrene	0.572	0.021	0.2102	0.4041	80.0	10	180	0.8996	44.5	60.1	
Surr: 2-Fluorobiphenyl	0.623		1.048		59.5	10	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>10100630-003AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141399</b>							
Client ID: <b>P6-BC5.5-W (3)MSD</b>	Batch ID: <b>63735</b>	<b>SW3550B</b>	Analysis Date: <b>10/17/2010</b>	SeqNo: <b>2762481</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.824		1.048		78.6	10	132		0	40	
Surr: p-Terphenyl-d14	0.881		1.048		84.0	30.6	131		0	40	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-G101015-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>				Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762447</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	51.9	5.0	50.00	0	103.8	0	200				
1,1,1-Trichloroethane	53.1	5.0	50.00	0	106.2	85.6	124				
1,1,2,2-Tetrachloroethane	51.7	5.0	50.00	0	103.3	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	55.8	5.0	50.00	0	111.7	0	200				
1,1,2-Trichloroethane	50.7	5.0	50.00	0	101.5	0	200				
1,1-Dichloro-2-propanone	126	50.0	125.0	0	100.7	0	200				
1,1-Dichloroethane	52.9	5.0	50.00	0	105.8	0	200				
1,1-Dichloroethene	51.2	5.0	50.00	0	102.4	60.1	131				
1,1-Dichloropropene	52.6	5.0	50.00	0	105.2	0	200				
1,2,3-Trichlorobenzene	57.5	5.0	50.00	0	115.1	0	200				
1,2,3-Trichloropropane	52.7	10	50.00	0	105.4	0	200				
1,2,3-Trimethylbenzene	50.6	5.0	50.00	0	101.1	0	200				
1,2,4-Trichlorobenzene	59.0	5.0	50.00	0	118.0	0	200				
1,2,4-Trimethylbenzene	52.7	5.0	50.00	0	105.4	0	200				
1,2-Dibromo-3-chloropropane	52.4	5.0	50.00	0	104.8	0	200				
1,2-Dibromoethane	52.6	5.0	50.00	0	105.1	86.9	119				
1,2-Dichlorobenzene	51.6	5.0	50.00	0	103.1	88	119				
1,2-Dichloroethane	53.5	5.0	50.00	0	106.9	73	117				
1,2-Dichloropropane	51.0	5.0	50.00	0	102.0	0	200				
1,3,5-Trimethylbenzene	52.1	5.0	50.00	0	104.3	0	200				
1,3-Dichlorobenzene	52.7	5.0	50.00	0	105.4	85.8	125				
1,3-Dichloropropane	51.2	5.0	50.00	0	102.5	0	200				
1,4-Dichlorobenzene	52.6	5.0	50.00	0	105.2	84.5	124				
1-Chlorobutane	50.4	5.0	50.00	0	100.9	0	200				
2,2-Dichloropropane	51.7	5.0	50.00	0	103.5	0	200				
2-Butanone	155	50.0	125.0	0	124.4	45.3	136				
2-Chlorotoluene	51.3	5.0	50.00	0	102.6	0	200				
2-Hexanone	141	50.0	125.0	0	112.5	0	200				
2-Nitropropane	53.3	50.0	50.00	0	106.5	0	200				
4-Chlorotoluene	52.2	5.0	50.00	0	104.4	0	200				
4-Methyl-2-pentanone	134	50.0	125.0	0	107.1	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-G101015-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>					Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762447</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	205	50.0	125.0	0	164.0	0	200				
Acrylonitrile	49.4	10	50.00	0	98.8	0	200				
Allyl chloride	54.1	5.0	50.00	0	108.3	0	200				
Benzene	51.5	1.0	50.00	0	102.9	73.9	109				
Bromobenzene	52.4	5.0	50.00	0	104.7	0	200				
Bromochloromethane	52.5	5.0	50.00	0	105.1	0	200				
Bromodichloromethane	53.0	5.0	50.00	0	106.0	91.3	126				
Bromoform	53.9	5.0	50.00	0	107.8	0	200				
Bromomethane	43.0	10	50.00	0	86.0	0	200				
Carbon disulfide	52.4	5.0	50.00	0	104.9	0	200				
Carbon tetrachloride	53.9	5.0	50.00	0	107.8	83.3	127				
Chlorobenzene	52.3	5.0	50.00	0	104.7	85.8	116				
Chloroethane	47.6	10	50.00	0	95.2	0	200				
Chloroform	53.1	5.0	50.00	0	106.3	80	113				
Chloromethane	38.2	10	50.00	0	76.5	0	200				
cis-1,2-Dichloroethene	52.1	5.0	50.00	0	104.3	0	200				
cis-1,3-Dichloropropene	52.4	4.0	50.00	0	104.7	0	200				
Cyclohexanone	283	100	250.0	0	113.4	0	200				
Dibromochloromethane	51.4	5.0	50.00	0	102.9	89.1	119				
Dibromomethane	52.0	5.0	50.00	0	104.0	0	200				
Dichlorodifluoromethane	32.5	10	50.00	0	65.0	0	200				
Ethyl acetate	52.3	50.0	50.00	0	104.7	0	200				
Ethyl ether	52.6	5.0	50.00	0	105.2	0	200				
Ethyl methacrylate	49.0	5.0	50.00	0	98.0	0	200				
Ethylbenzene	51.7	5.0	50.00	0	103.4	84.1	115				
Heptane	55.4	20.0	50.00	0	110.9	0	200				
Hexachlorobutadiene	57.6	5.0	50.00	0	115.2	0	200				
Hexachloroethane	50.0	5.0	50.00	0	99.9	0	200				
Iodomethane	59.2	10	50.00	0	118.4	0	200				
Isopropylbenzene	51.9	5.0	50.00	0	103.9	0	200				
m,p-Xylenes	103	5.0	100.0	0	103.2	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-G101015-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>				Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762447</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50.5	50.0	50.00	0	100.9	0	200				
Methyl Methacrylate	49.7	5.0	50.00	0	99.3	0	200				
Methyl tert-butyl ether	51.9	2.0	50.00	0	103.9	80	128				
Methylacrylate	51.8	10	50.00	0	103.6	0	200				
Methylene chloride	50.2	5.0	50.00	0	100.5	73.9	116				
Naphthalene	55.0	10	50.00	0	110.0	73.1	135				
n-Butylbenzene	54.6	5.0	50.00	0	109.3	0	200				
n-Hexane	54.1	20.0	50.00	0	108.2	0	200				
Nitrobenzene	58	100	50.00	0	116.5	0	200				J
n-Propylbenzene	52.1	5.0	50.00	0	104.3	0	200				
o-Xylene	50.0	5.0	50.00	0	99.9	82	117				
Pentachloroethane	53.7	5.0	50.00	0	107.3	0	200				
p-Isopropyltoluene	51.6	5.0	50.00	0	103.2	0	200				
Propionitrile	53.3	50.0	50.00	0	106.6	0	200				
sec-Butylbenzene	52.9	5.0	50.00	0	105.7	0	200				
Styrene	51.8	5.0	50.00	0	103.5	0	200				
tert-Butylbenzene	50.5	5.0	50.00	0	100.9	0	200				
Tetrachloroethene	52.7	5.0	50.00	0	105.4	74.6	115				
Tetrahydrofuran	52.0	50.0	50.00	0	103.9	0	200				
Toluene	51.3	5.0	50.00	0	102.6	79.1	112				
trans-1,2-Dichloroethene	54.0	5.0	50.00	0	108.0	0	200				
trans-1,3-Dichloropropene	51.0	4.0	50.00	0	101.9	0	200				
Trichloroethene	53.4	5.0	50.00	0	106.8	81	111				
Trichlorofluoromethane	48.7	5.0	50.00	0	97.3	0	200				
Vinyl acetate	52.4	50.0	50.00	0	104.8	0	200				
Vinyl chloride	47.0	2.0	50.00	0	93.9	0	200				
Surr: 1,2-Dichloroethane-d4	50.3		50.00		100.6	72.2	131				
Surr: 4-Bromofluorobenzene	50.0		50.00		100	82.1	116				
Surr: Dibromofluoromethane	52.2		50.00		104.5	77.7	120				
Surr: Toluene-d8	50.0		50.00		100	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCSD-G101015-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>		Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>						
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>		Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762448</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	52.9	5.0	50.00	0	105.9	0	200	51.89	2.00	20	
1,1,1-Trichloroethane	54.6	5.0	50.00	0	109.2	85.6	124	53.12	2.78	20	
1,1,2,2-Tetrachloroethane	52.6	5.0	50.00	0	105.2	0	200	51.66	1.80	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	57.0	5.0	50.00	0	113.9	0	200	55.83	2.00	20	
1,1,2-Trichloroethane	51.8	5.0	50.00	0	103.7	0	200	50.74	2.14	20	
1,1-Dichloro-2-propanone	155	50.0	125.0	0	124.2	0	200	125.8	20.9	20	R
1,1-Dichloroethane	53.5	5.0	50.00	0	106.9	0	200	52.88	1.11	20	
1,1-Dichloroethene	52.3	5.0	50.00	0	104.6	60.1	131	51.21	2.13	20	
1,1-Dichloropropene	54.5	5.0	50.00	0	109.0	0	200	52.60	3.57	20	
1,2,3-Trichlorobenzene	58.0	5.0	50.00	0	116.0	0	200	57.54	0.762	20	
1,2,3-Trichloropropane	53.4	10	50.00	0	106.8	0	200	52.69	1.32	20	
1,2,3-Trimethylbenzene	51.6	5.0	50.00	0	103.3	0	200	50.55	2.15	20	
1,2,4-Trichlorobenzene	59.4	5.0	50.00	0	118.7	0	200	59.01	0.608	20	
1,2,4-Trimethylbenzene	53.8	5.0	50.00	0	107.7	0	200	52.69	2.18	20	
1,2-Dibromo-3-chloropropane	52.6	5.0	50.00	0	105.2	0	200	52.42	0.324	20	
1,2-Dibromoethane	53.4	5.0	50.00	0	106.8	86.9	119	52.57	1.57	20	
1,2-Dichlorobenzene	52.7	5.0	50.00	0	105.4	88	119	51.56	2.19	20	
1,2-Dichloroethane	54.8	5.0	50.00	0	109.5	73	117	53.47	2.40	20	
1,2-Dichloropropane	52.0	5.0	50.00	0	103.9	0	200	51.01	1.85	20	
1,3,5-Trimethylbenzene	53.5	5.0	50.00	0	107.0	0	200	52.13	2.56	20	
1,3-Dichlorobenzene	53.2	5.0	50.00	0	106.3	85.8	125	52.69	0.907	20	
1,3-Dichloropropane	51.3	5.0	50.00	0	102.6	0	200	51.24	0.137	20	
1,4-Dichlorobenzene	53.3	5.0	50.00	0	106.5	84.5	124	52.58	1.28	20	
1-Chlorobutane	51.2	5.0	50.00	0	102.4	0	200	50.43	1.52	20	
2,2-Dichloropropane	53.2	5.0	50.00	0	106.4	0	200	51.74	2.76	20	
2-Butanone	154	50.0	125.0	0	123.2	45.3	136	155.5	0.956	20	
2-Chlorotoluene	52.5	5.0	50.00	0	104.9	0	200	51.29	2.26	20	
2-Hexanone	139	50.0	125.0	0	111.4	0	200	140.7	1.04	20	
2-Nitropropane	53.2	50.0	50.00	0	106.4	0	200	53.26	0.150	20	
4-Chlorotoluene	53.1	5.0	50.00	0	106.3	0	200	52.21	1.77	20	
4-Methyl-2-pentanone	133	50.0	125.0	0	106.3	0	200	133.9	0.742	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-D-G101015-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>					Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762448</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	196	50.0	125.0	0	156.9	0	200	205.0	4.45	20	
Acrylonitrile	49.7	10	50.00	0	99.3	0	200	49.39	0.565	20	
Allyl chloride	53.6	5.0	50.00	0	107.3	0	200	54.13	0.891	20	
Benzene	52.5	1.0	50.00	0	105.1	73.9	109	51.47	2.06	20	
Bromobenzene	52.7	5.0	50.00	0	105.5	0	200	52.36	0.704	20	
Bromochloromethane	53.8	5.0	50.00	0	107.6	0	200	52.53	2.35	20	
Bromodichloromethane	54.1	5.0	50.00	0	108.2	91.3	126	53.00	2.07	20	
Bromoform	54.0	5.0	50.00	0	108.1	0	200	53.91	0.259	20	
Bromomethane	44.3	10	50.00	0	88.7	0	200	42.99	3.09	20	
Carbon disulfide	53.3	5.0	50.00	0	106.6	0	200	52.45	1.65	20	
Carbon tetrachloride	55.9	5.0	50.00	0	111.8	83.3	127	53.92	3.61	20	
Chlorobenzene	53.2	5.0	50.00	0	106.4	85.8	116	52.33	1.61	20	
Chloroethane	48.7	10	50.00	0	97.3	0	200	47.61	2.20	20	
Chloroform	54.7	5.0	50.00	0	109.4	80	113	53.13	2.91	20	
Chloromethane	38.3	10	50.00	0	76.6	0	200	38.23	0.209	20	
cis-1,2-Dichloroethene	54.1	5.0	50.00	0	108.2	0	200	52.14	3.69	20	
cis-1,3-Dichloropropene	53.5	4.0	50.00	0	106.9	0	200	52.37	2.08	20	
Cyclohexanone	276	100	250.0	0	110.2	0	200	283.4	2.83	20	
Dibromochloromethane	52.8	5.0	50.00	0	105.7	89.1	119	51.43	2.72	20	
Dibromomethane	52.9	5.0	50.00	0	105.8	0	200	52.01	1.66	20	
Dichlorodifluoromethane	33.0	10	50.00	0	65.9	0	200	32.50	1.38	20	
Ethyl acetate	51.6	50.0	50.00	0	103.3	0	200	52.34	1.35	20	
Ethyl ether	53.8	5.0	50.00	0	107.6	0	200	52.61	2.24	20	
Ethyl methacrylate	48.7	5.0	50.00	0	97.3	0	200	49.02	0.717	20	
Ethylbenzene	52.9	5.0	50.00	0	105.9	84.1	115	51.70	2.37	20	
Heptane	54.1	20.0	50.00	0	108.3	0	200	55.43	2.37	20	
Hexachlorobutadiene	57.7	5.0	50.00	0	115.4	0	200	57.58	0.226	20	
Hexachloroethane	51.1	5.0	50.00	0	102.1	0	200	49.97	2.18	20	
Iodomethane	64.6	10	50.00	0	129.1	0	200	59.22	8.64	20	
Isopropylbenzene	52.9	5.0	50.00	0	105.8	0	200	51.94	1.81	20	
m,p-Xylenes	105	5.0	100.0	0	105.1	79.1	111	103.2	1.81	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCSD-G101015-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>				Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762448</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	51.2	50.0	50.00	0	102.4	0	200	50.46	1.48	20	
Methyl Methacrylate	49.8	5.0	50.00	0	99.5	0	200	49.66	0.181	20	
Methyl tert-butyl ether	53.4	2.0	50.00	0	106.9	80	128	51.94	2.83	20	
Methylacrylate	52.9	10	50.00	0	105.8	0	200	51.80	2.08	20	
Methylene chloride	51.4	5.0	50.00	0	102.8	73.9	116	50.25	2.22	20	
Naphthalene	56.1	10	50.00	0	112.2	73.1	135	54.98	2.00	20	
n-Butylbenzene	55.4	5.0	50.00	0	110.8	0	200	54.65	1.36	20	
n-Hexane	54.2	20.0	50.00	0	108.5	0	200	54.08	0.295	20	
Nitrobenzene	50	100	50.00	0	100.9	0	200	58.23	0	20	J
n-Propylbenzene	53.1	5.0	50.00	0	106.2	0	200	52.13	1.82	20	
o-Xylene	50.7	5.0	50.00	0	101.5	82	117	49.96	1.53	20	
Pentachloroethane	55.0	5.0	50.00	0	109.9	0	200	53.67	2.38	20	
p-Isopropyltoluene	53.0	5.0	50.00	0	105.9	0	200	51.58	2.64	20	
Propionitrile	52.6	50.0	50.00	0	105.2	0	200	53.29	1.27	20	
sec-Butylbenzene	54.2	5.0	50.00	0	108.4	0	200	52.87	2.52	20	
Styrene	52.4	5.0	50.00	0	104.8	0	200	51.77	1.25	20	
tert-Butylbenzene	52.0	5.0	50.00	0	104.0	0	200	50.46	2.99	20	
Tetrachloroethene	53.9	5.0	50.00	0	107.9	74.6	115	52.71	2.29	20	
Tetrahydrofuran	51.7	50.0	50.00	0	103.4	0	200	51.97	0.560	20	
Toluene	52.0	5.0	50.00	0	104.1	79.1	112	51.28	1.45	20	
trans-1,2-Dichloroethene	55.2	5.0	50.00	0	110.3	0	200	54.01	2.11	20	
trans-1,3-Dichloropropene	51.6	4.0	50.00	0	103.2	0	200	50.95	1.25	20	
Trichloroethene	54.8	5.0	50.00	0	109.6	81	111	53.41	2.55	20	
Trichlorofluoromethane	49.7	5.0	50.00	0	99.5	0	200	48.66	2.18	20	
Vinyl acetate	53.0	50.0	50.00	0	105.9	0	200	52.41	1.03	20	
Vinyl chloride	48.4	2.0	50.00	0	96.7	0	200	46.96	2.94	20	
Surr: 1,2-Dichloroethane-d4	50.7		50.00		101.4	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.1		50.00		100.2	82.1	116		0	20	
Surr: Dibromofluoromethane	52.4		50.00		104.8	77.7	120		0	20	
Surr: Toluene-d8	50.0		50.00		100	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MBLK-G101015-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762449</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MBLK-G101015-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762449</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MBLK-G101015-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141398</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63762</b>	<b>SW5035</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762449</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	51.8		50.00		103.6	72.2	131				
Surr: 4-Bromofluorobenzene	50.4		50.00		100.7	82.1	116				
Surr: Dibromofluoromethane	52.2		50.00		104.4	77.7	120				
Surr: Toluene-d8	50.1		50.00		100.3	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-G101018-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>					Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764313</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	49.1	5.0	50.00	0	98.2	0	200				
1,1,1-Trichloroethane	52.0	5.0	50.00	0	104.0	85.6	124				
1,1,2,2-Tetrachloroethane	49.4	5.0	50.00	0	98.9	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	53.0	5.0	50.00	0	106.0	0	200				
1,1,2-Trichloroethane	49.0	5.0	50.00	0	97.9	0	200				
1,1-Dichloro-2-propanone	126	50.0	125.0	0	101.0	0	200				
1,1-Dichloroethane	50.3	5.0	50.00	0	100.7	0	200				
1,1-Dichloroethene	48.8	5.0	50.00	0	97.6	60.1	131				
1,1-Dichloropropene	51.1	5.0	50.00	0	102.3	0	200				
1,2,3-Trichlorobenzene	55.1	5.0	50.00	0	110.1	0	200				
1,2,3-Trichloropropane	51.0	10	50.00	0	102.0	0	200				
1,2,3-Trimethylbenzene	47.8	5.0	50.00	0	95.7	0	200				
1,2,4-Trichlorobenzene	56.2	5.0	50.00	0	112.4	0	200				
1,2,4-Trimethylbenzene	49.7	5.0	50.00	0	99.4	0	200				
1,2-Dibromo-3-chloropropane	51.3	5.0	50.00	0	102.6	0	200				
1,2-Dibromoethane	50.4	5.0	50.00	0	100.9	86.9	119				
1,2-Dichlorobenzene	49.3	5.0	50.00	0	98.6	88	119				
1,2-Dichloroethane	52.0	5.0	50.00	0	104.0	73	117				
1,2-Dichloropropane	49.0	5.0	50.00	0	98.1	0	200				
1,3,5-Trimethylbenzene	49.2	5.0	50.00	0	98.4	0	200				
1,3-Dichlorobenzene	49.6	5.0	50.00	0	99.3	85.8	125				
1,3-Dichloropropane	48.6	5.0	50.00	0	97.3	0	200				
1,4-Dichlorobenzene	50.0	5.0	50.00	0	100.1	84.5	124				
1-Chlorobutane	47.0	5.0	50.00	0	94.0	0	200				
2,2-Dichloropropane	50.1	5.0	50.00	0	100.2	0	200				
2-Butanone	163	50.0	125.0	0	130.0	45.3	136				
2-Chlorotoluene	48.3	5.0	50.00	0	96.6	0	200				
2-Hexanone	143	50.0	125.0	0	114.1	0	200				
2-Nitropropane	53.8	50.0	50.00	0	107.6	0	200				
4-Chlorotoluene	49.3	5.0	50.00	0	98.6	0	200				
4-Methyl-2-pentanone	132	50.0	125.0	0	105.8	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-G101018-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>					Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764313</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	215	50.0	125.0	0	172.2	0	200				
Acrylonitrile	48.1	10	50.00	0	96.2	0	200				
Allyl chloride	52.0	5.0	50.00	0	103.9	0	200				
Benzene	49.7	1.0	50.00	0	99.3	73.9	109				
Bromobenzene	49.4	5.0	50.00	0	98.8	0	200				
Bromochloromethane	50.7	5.0	50.00	0	101.3	0	200				
Bromodichloromethane	51.5	5.0	50.00	0	102.9	91.3	126				
Bromoform	51.7	5.0	50.00	0	103.4	0	200				
Bromomethane	41.9	10	50.00	0	83.9	0	200				
Carbon disulfide	49.6	5.0	50.00	0	99.2	0	200				
Carbon tetrachloride	52.8	5.0	50.00	0	105.6	83.3	127				
Chlorobenzene	49.5	5.0	50.00	0	99.0	85.8	116				
Chloroethane	44.5	10	50.00	0	88.9	0	200				
Chloroform	51.8	5.0	50.00	0	103.7	80	113				
Chloromethane	34.8	10	50.00	0	69.7	0	200				
cis-1,2-Dichloroethene	50.6	5.0	50.00	0	101.2	0	200				
cis-1,3-Dichloropropene	51.1	4.0	50.00	0	102.1	0	200				
Cyclohexanone	306	100	250.0	0	122.2	0	200				
Dibromochloromethane	50.3	5.0	50.00	0	100.5	89.1	119				
Dibromomethane	50.9	5.0	50.00	0	101.7	0	200				
Dichlorodifluoromethane	27.9	10	50.00	0	55.8	0	200				
Ethyl acetate	52.1	50.0	50.00	0	104.3	0	200				
Ethyl ether	51.0	5.0	50.00	0	102.0	0	200				
Ethyl methacrylate	46.9	5.0	50.00	0	93.8	0	200				
Ethylbenzene	49.0	5.0	50.00	0	98.1	84.1	115				
Heptane	53.6	20.0	50.00	0	107.2	0	200				
Hexachlorobutadiene	54.4	5.0	50.00	0	108.7	0	200				
Hexachloroethane	47.4	5.0	50.00	0	94.8	0	200				
Iodomethane	57.4	10	50.00	0	114.8	0	200				
Isopropylbenzene	49.3	5.0	50.00	0	98.6	0	200				
m,p-Xylenes	98.0	5.0	100.0	0	98.0	79.1	111				

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-G101018-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>					Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764313</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50.1	50.0	50.00	0	100.1	0	200				
Methyl Methacrylate	49.3	5.0	50.00	0	98.6	0	200				
Methyl tert-butyl ether	50.9	2.0	50.00	0	101.8	80	128				
Methylacrylate	52.4	10	50.00	0	104.7	0	200				
Methylene chloride	48.7	5.0	50.00	0	97.4	73.9	116				
Naphthalene	53.1	10	50.00	0	106.2	73.1	135				
n-Butylbenzene	52.0	5.0	50.00	0	103.9	0	200				
n-Hexane	51.5	20.0	50.00	0	103.1	0	200				
Nitrobenzene	60	100	50.00	0	120.4	0	200				J
n-Propylbenzene	49.0	5.0	50.00	0	98.0	0	200				
o-Xylene	47.1	5.0	50.00	0	94.1	82	117				
Pentachloroethane	51.4	5.0	50.00	0	102.7	0	200				
p-Isopropyltoluene	48.8	5.0	50.00	0	97.6	0	200				
Propionitrile	54.4	50.0	50.00	0	108.9	0	200				
sec-Butylbenzene	50.1	5.0	50.00	0	100.2	0	200				
Styrene	49.1	5.0	50.00	0	98.2	0	200				
tert-Butylbenzene	47.6	5.0	50.00	0	95.2	0	200				
Tetrachloroethene	49.9	5.0	50.00	0	99.7	74.6	115				
Tetrahydrofuran	50.8	50.0	50.00	0	101.7	0	200				
Toluene	48.0	5.0	50.00	0	96.1	79.1	112				
trans-1,2-Dichloroethene	51.7	5.0	50.00	0	103.3	0	200				
trans-1,3-Dichloropropene	48.7	4.0	50.00	0	97.4	0	200				
Trichloroethene	52.0	5.0	50.00	0	103.9	81	111				
Trichlorofluoromethane	46.4	5.0	50.00	0	92.8	0	200				
Vinyl acetate	51.2	50.0	50.00	0	102.4	0	200				
Vinyl chloride	43.3	2.0	50.00	0	86.7	0	200				
Surr: 1,2-Dichloroethane-d4	52.2		50.00		104.4	72.2	131				
Surr: 4-Bromofluorobenzene	51.1		50.00		102.2	82.1	116				
Surr: Dibromofluoromethane	53.3		50.00		106.5	77.7	120				
Surr: Toluene-d8	49.3		50.00		98.5	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCSD-G101018-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>					Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764314</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.8	5.0	50.00	0	101.5	0	200	49.11	3.32	20	
1,1,1-Trichloroethane	53.0	5.0	50.00	0	105.9	85.6	124	51.99	1.85	20	
1,1,2,2-Tetrachloroethane	50.1	5.0	50.00	0	100.2	0	200	49.45	1.27	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	54.6	5.0	50.00	0	109.3	0	200	53.02	3.01	20	
1,1,2-Trichloroethane	49.7	5.0	50.00	0	99.5	0	200	48.97	1.54	20	
1,1-Dichloro-2-propanone	122	50.0	125.0	0	97.9	0	200	126.3	3.16	20	
1,1-Dichloroethane	52.3	5.0	50.00	0	104.6	0	200	50.33	3.80	20	
1,1-Dichloroethene	49.5	5.0	50.00	0	99.0	60.1	131	48.79	1.42	20	
1,1-Dichloropropene	52.4	5.0	50.00	0	104.7	0	200	51.13	2.36	20	
1,2,3-Trichlorobenzene	56.3	5.0	50.00	0	112.5	0	200	55.06	2.17	20	
1,2,3-Trichloropropane	50.1	10	50.00	0	100.2	0	200	51.01	1.84	20	
1,2,3-Trimethylbenzene	49.1	5.0	50.00	0	98.2	0	200	47.85	2.56	20	
1,2,4-Trichlorobenzene	56.9	5.0	50.00	0	113.9	0	200	56.19	1.31	20	
1,2,4-Trimethylbenzene	51.1	5.0	50.00	0	102.2	0	200	49.71	2.74	20	
1,2-Dibromo-3-chloropropane	50.2	5.0	50.00	0	100.5	0	200	51.28	2.05	20	
1,2-Dibromoethane	51.4	5.0	50.00	0	102.9	86.9	119	50.43	1.98	20	
1,2-Dichlorobenzene	50.0	5.0	50.00	0	99.9	88	119	49.31	1.31	20	
1,2-Dichloroethane	53.4	5.0	50.00	0	106.8	73	117	52.02	2.60	20	
1,2-Dichloropropane	51.6	5.0	50.00	0	103.3	0	200	49.04	5.15	20	
1,3,5-Trimethylbenzene	50.2	5.0	50.00	0	100.5	0	200	49.20	2.11	20	
1,3-Dichlorobenzene	50.6	5.0	50.00	0	101.2	85.8	125	49.64	1.92	20	
1,3-Dichloropropane	49.8	5.0	50.00	0	99.6	0	200	48.63	2.38	20	
1,4-Dichlorobenzene	50.7	5.0	50.00	0	101.4	84.5	124	50.05	1.29	20	
1-Chlorobutane	48.8	5.0	50.00	0	97.6	0	200	47.02	3.76	20	
2,2-Dichloropropane	51.5	5.0	50.00	0	103.1	0	200	50.08	2.85	20	
2-Butanone	154	50.0	125.0	0	123.6	45.3	136	162.5	5.07	20	
2-Chlorotoluene	49.6	5.0	50.00	0	99.3	0	200	48.30	2.74	20	
2-Hexanone	136	50.0	125.0	0	108.6	0	200	142.7	4.93	20	
2-Nitropropane	51.8	50.0	50.00	0	103.5	0	200	53.78	3.85	20	
4-Chlorotoluene	50.3	5.0	50.00	0	100.6	0	200	49.28	2.07	20	
4-Methyl-2-pentanone	130	50.0	125.0	0	104.3	0	200	132.2	1.42	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-D-G101018-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>					Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764314</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	201	50.0	125.0	0	160.8	0	200	215.2	6.81	20	
Acrylonitrile	47.9	10	50.00	0	95.8	0	200	48.12	0.479	20	
Allyl chloride	52.1	5.0	50.00	0	104.1	0	200	51.96	0.211	20	
Benzene	51.0	1.0	50.00	0	101.9	73.9	109	49.66	2.58	20	
Bromobenzene	49.9	5.0	50.00	0	99.8	0	200	49.42	0.926	20	
Bromochloromethane	52.4	5.0	50.00	0	104.8	0	200	50.67	3.34	20	
Bromodichloromethane	52.9	5.0	50.00	0	105.9	91.3	126	51.46	2.84	20	
Bromoform	52.1	5.0	50.00	0	104.3	0	200	51.71	0.809	20	
Bromomethane	42.2	10	50.00	0	84.4	0	200	41.93	0.618	20	
Carbon disulfide	50.6	5.0	50.00	0	101.3	0	200	49.60	2.06	20	
Carbon tetrachloride	53.6	5.0	50.00	0	107.2	83.3	127	52.78	1.52	20	
Chlorobenzene	51.0	5.0	50.00	0	102.0	85.8	116	49.51	2.98	20	
Chloroethane	46.0	10	50.00	0	92.0	0	200	44.46	3.36	20	
Chloroform	53.4	5.0	50.00	0	106.8	80	113	51.84	2.95	20	
Chloromethane	35.1	10	50.00	0	70.2	0	200	34.84	0.772	20	
cis-1,2-Dichloroethene	52.3	5.0	50.00	0	104.6	0	200	50.58	3.38	20	
cis-1,3-Dichloropropene	52.7	4.0	50.00	0	105.4	0	200	51.06	3.18	20	
Cyclohexanone	286	100	250.0	0	114.3	0	200	305.6	6.72	20	
Dibromochloromethane	50.5	5.0	50.00	0	101.1	89.1	119	50.26	0.556	20	
Dibromomethane	52.0	5.0	50.00	0	104.0	0	200	50.86	2.20	20	
Dichlorodifluoromethane	28.4	10	50.00	0	56.7	0	200	27.92	1.56	20	
Ethyl acetate	50.5	50.0	50.00	0	101.0	0	200	52.13	3.14	20	
Ethyl ether	52.1	5.0	50.00	0	104.1	0	200	50.98	2.10	20	
Ethyl methacrylate	47.2	5.0	50.00	0	94.4	0	200	46.89	0.638	20	
Ethylbenzene	50.7	5.0	50.00	0	101.4	84.1	115	49.04	3.35	20	
Heptane	53.0	20.0	50.00	0	105.9	0	200	53.59	1.20	20	
Hexachlorobutadiene	55.1	5.0	50.00	0	110.2	0	200	54.35	1.37	20	
Hexachloroethane	48.4	5.0	50.00	0	96.7	0	200	47.39	2.01	20	
Iodomethane	61.3	10	50.00	0	122.7	0	200	57.41	6.62	20	
Isopropylbenzene	50.4	5.0	50.00	0	100.9	0	200	49.29	2.31	20	
m,p-Xylenes	101	5.0	100.0	0	100.8	79.1	111	98.00	2.87	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCSD-G101018-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764314</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50	50.0	50.00	0	100	0	200	50.06	0	20	J
Methyl Methacrylate	48.5	5.0	50.00	0	97.0	0	200	49.30	1.66	20	
Methyl tert-butyl ether	52.0	2.0	50.00	0	104.0	80	128	50.89	2.16	20	
Methylacrylate	51.1	10	50.00	0	102.2	0	200	52.35	2.46	20	
Methylene chloride	50.1	5.0	50.00	0	100.3	73.9	116	48.70	2.91	20	
Naphthalene	52.8	10	50.00	0	105.5	73.1	135	53.08	0.605	20	
n-Butylbenzene	52.3	5.0	50.00	0	104.5	0	200	51.97	0.556	20	
n-Hexane	52.6	20.0	50.00	0	105.3	0	200	51.53	2.15	20	
Nitrobenzene	50	100	50.00	0	100.2	0	200	60.18	0	20	J
n-Propylbenzene	50.1	5.0	50.00	0	100.2	0	200	49.02	2.18	20	
o-Xylene	48.5	5.0	50.00	0	97.1	82	117	47.07	3.05	20	
Pentachloroethane	52.3	5.0	50.00	0	104.5	0	200	51.35	1.76	20	
p-Isopropyltoluene	50.2	5.0	50.00	0	100.5	0	200	48.81	2.89	20	
Propionitrile	50.6	50.0	50.00	0	101.3	0	200	54.43	7.21	20	
sec-Butylbenzene	51.1	5.0	50.00	0	102.1	0	200	50.09	1.92	20	
Styrene	50.2	5.0	50.00	0	100.3	0	200	49.11	2.10	20	
tert-Butylbenzene	49.1	5.0	50.00	0	98.1	0	200	47.58	3.06	20	
Tetrachloroethene	50.5	5.0	50.00	0	100.9	74.6	115	49.87	1.18	20	
Tetrahydrofuran	50	50.0	50.00	0	99.6	0	200	50.84	0	20	J
Toluene	49.4	5.0	50.00	0	98.8	79.1	112	48.03	2.81	20	
trans-1,2-Dichloroethene	53.3	5.0	50.00	0	106.6	0	200	51.67	3.09	20	
trans-1,3-Dichloropropene	49.4	4.0	50.00	0	98.8	0	200	48.68	1.43	20	
Trichloroethene	52.8	5.0	50.00	0	105.6	81	111	51.96	1.62	20	
Trichlorofluoromethane	48.1	5.0	50.00	0	96.2	0	200	46.42	3.55	20	
Vinyl acetate	51.6	50.0	50.00	0	103.2	0	200	51.20	0.778	20	
Vinyl chloride	44.0	2.0	50.00	0	88.0	0	200	43.33	1.56	20	
Surr: 1,2-Dichloroethane-d4	51.0		50.00		102.1	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.3		50.00		100.6	82.1	116		0	20	
Surr: Dibromofluoromethane	52.4		50.00		104.9	77.7	120		0	20	
Surr: Toluene-d8	49.5		50.00		99.1	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MBLK-G101018-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764315</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MBLK-G101018-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764315</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MBLK-G101018-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764315</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	2.0	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	52.6		50.00		105.2	72.2	131				
Surr: 4-Bromofluorobenzene	50.8		50.00		101.7	82.1	116				
Surr: Dibromofluoromethane	52.5		50.00		105.0	77.7	120				
Surr: Toluene-d8	49.8		50.00		99.7	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-G101019-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>			
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>					Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766036</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	51.1	5.0	50.00	0	102.2	0	200				
1,1,1-Trichloroethane	52.8	5.0	50.00	0	105.6	85.6	124				
1,1,2,2-Tetrachloroethane	48.6	5.0	50.00	0	97.1	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	53.6	5.0	50.00	0	107.2	0	200				
1,1,2-Trichloroethane	50.0	5.0	50.00	0	100	0	200				
1,1-Dichloro-2-propanone	111	50.0	125.0	0	89.2	0	200				
1,1-Dichloroethane	51.4	5.0	50.00	0	102.9	0	200				
1,1-Dichloroethene	49.6	5.0	50.00	0	99.1	60.1	131				
1,1-Dichloropropene	52.8	5.0	50.00	0	105.6	0	200				
1,2,3-Trichlorobenzene	57.1	5.0	50.00	0	114.2	0	200				
1,2,3-Trichloropropane	49.9	10	50.00	0	99.8	0	200				
1,2,3-Trimethylbenzene	50.4	5.0	50.00	0	100.8	0	200				
1,2,4-Trichlorobenzene	59.1	5.0	50.00	0	118.2	0	200				
1,2,4-Trimethylbenzene	52.4	5.0	50.00	0	104.8	0	200				
1,2-Dibromo-3-chloropropane	48.7	5.0	50.00	0	97.4	0	200				
1,2-Dibromoethane	51.0	5.0	50.00	0	101.9	86.9	119				
1,2-Dichlorobenzene	52.1	5.0	50.00	0	104.1	88	119				
1,2-Dichloroethane	53.1	5.0	50.00	0	106.1	73	117				
1,2-Dichloropropane	51.0	5.0	50.00	0	102.1	0	200				
1,3,5-Trimethylbenzene	51.6	5.0	50.00	0	103.2	0	200				
1,3-Dichlorobenzene	53.0	5.0	50.00	0	106.0	85.8	125				
1,3-Dichloropropane	49.8	5.0	50.00	0	99.6	0	200				
1,4-Dichlorobenzene	52.5	5.0	50.00	0	105.1	84.5	124				
1-Chlorobutane	48.3	5.0	50.00	0	96.6	0	200				
2,2-Dichloropropane	51.5	5.0	50.00	0	103.1	0	200				
2-Butanone	138	50.0	125.0	0	110.5	45.3	136				
2-Chlorotoluene	50.6	5.0	50.00	0	101.1	0	200				
2-Hexanone	129	50.0	125.0	0	103.4	0	200				
2-Nitropropane	47	50.0	50.00	0	93.2	0	200				J
4-Chlorotoluene	51.5	5.0	50.00	0	102.9	0	200				
4-Methyl-2-pentanone	126	50.0	125.0	0	101.1	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-G101019-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>					Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766036</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	171	50.0	125.0	0	136.7	0	200				
Acrylonitrile	46.0	10	50.00	0	92.1	0	200				
Allyl chloride	51.2	5.0	50.00	0	102.3	0	200				
Benzene	50.9	1.0	50.00	0	101.8	73.9	109				
Bromobenzene	51.6	5.0	50.00	0	103.1	0	200				
Bromochloromethane	51.0	5.0	50.00	0	102.1	0	200				
Bromodichloromethane	52.7	5.0	50.00	0	105.5	91.3	126				
Bromoform	50.2	5.0	50.00	0	100.5	0	200				
Bromomethane	42.2	10	50.00	0	84.4	0	200				
Carbon disulfide	49.4	5.0	50.00	0	98.7	0	200				
Carbon tetrachloride	53.7	5.0	50.00	0	107.4	83.3	127				
Chlorobenzene	51.7	5.0	50.00	0	103.4	85.8	116				
Chloroethane	44.6	10	50.00	0	89.1	0	200				
Chloroform	53.0	5.0	50.00	0	106.0	80	113				
Chloromethane	33.2	10	50.00	0	66.3	0	200				
cis-1,2-Dichloroethene	52.2	5.0	50.00	0	104.5	0	200				
cis-1,3-Dichloropropene	52.6	4.0	50.00	0	105.2	0	200				
Cyclohexanone	306	100	250.0	0	122.4	0	200				
Dibromochloromethane	50.5	5.0	50.00	0	101.0	89.1	119				
Dibromomethane	51.5	5.0	50.00	0	103.1	0	200				
Dichlorodifluoromethane	24.2	10	50.00	0	48.5	0	200				
Ethyl acetate	48	50.0	50.00	0	96.4	0	200				J
Ethyl ether	50.9	5.0	50.00	0	101.7	0	200				
Ethyl methacrylate	47.2	5.0	50.00	0	94.5	0	200				
Ethylbenzene	52.0	5.0	50.00	0	104.1	84.1	115				
Heptane	54.3	20.0	50.00	0	108.7	0	200				
Hexachlorobutadiene	57.4	5.0	50.00	0	114.7	0	200				
Hexachloroethane	48.2	5.0	50.00	0	96.4	0	200				
Iodomethane	65.8	10	50.00	0	131.6	0	200				
Isopropylbenzene	52.4	5.0	50.00	0	104.8	0	200				
m,p-Xylenes	104	5.0	100.0	0	103.9	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCS-G101019-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>				Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766036</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	48	50.0	50.00	0	96.3	0	200				J
Methyl Methacrylate	47.9	5.0	50.00	0	95.7	0	200				
Methyl tert-butyl ether	51.5	2.0	50.00	0	103.0	80	128				
Methylacrylate	49.2	10	50.00	0	98.4	0	200				
Methylene chloride	50.0	5.0	50.00	0	99.9	73.9	116				
Naphthalene	54.6	10	50.00	0	109.1	73.1	135				
n-Butylbenzene	54.4	5.0	50.00	0	108.7	0	200				
n-Hexane	52.0	20.0	50.00	0	104.1	0	200				
Nitrobenzene	ND	100	50.00	0	0	0	200				
n-Propylbenzene	51.1	5.0	50.00	0	102.3	0	200				
o-Xylene	50.0	5.0	50.00	0	99.9	82	117				
Pentachloroethane	52.4	5.0	50.00	0	104.8	0	200				
p-Isopropyltoluene	51.7	5.0	50.00	0	103.4	0	200				
Propionitrile	51.8	50.0	50.00	0	103.5	0	200				
sec-Butylbenzene	52.4	5.0	50.00	0	104.7	0	200				
Styrene	51.8	5.0	50.00	0	103.6	0	200				
tert-Butylbenzene	49.9	5.0	50.00	0	99.8	0	200				
Tetrachloroethene	51.8	5.0	50.00	0	103.7	74.6	115				
Tetrahydrofuran	49	50.0	50.00	0	97.4	0	200				J
Toluene	50.6	5.0	50.00	0	101.2	79.1	112				
trans-1,2-Dichloroethene	53.2	5.0	50.00	0	106.4	0	200				
trans-1,3-Dichloropropene	49.5	4.0	50.00	0	98.9	0	200				
Trichloroethene	54.4	5.0	50.00	0	108.9	81	111				
Trichlorofluoromethane	45.9	5.0	50.00	0	91.8	0	200				
Vinyl acetate	50	50.0	50.00	0	99.0	0	200				J
Vinyl chloride	42.3	2.0	50.00	0	84.7	0	200				
Surr: 1,2-Dichloroethane-d4	49.7		50.00		99.3	72.2	131				
Surr: 4-Bromofluorobenzene	50.7		50.00		101.4	82.1	116				
Surr: Dibromofluoromethane	52.6		50.00		105.2	77.7	120				
Surr: Toluene-d8	49.5		50.00		99.0	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCSD-G101019-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766037</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	52.8	5.0	50.00	0	105.5	0	200	51.09	3.22	20	
1,1,1-Trichloroethane	54.5	5.0	50.00	0	108.9	85.6	124	52.80	3.10	20	
1,1,2,2-Tetrachloroethane	51.4	5.0	50.00	0	102.9	0	200	48.56	5.74	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	55.7	5.0	50.00	0	111.4	0	200	53.60	3.81	20	
1,1,2-Trichloroethane	50.7	5.0	50.00	0	101.4	0	200	50.01	1.37	20	
1,1-Dichloro-2-propanone	122	50.0	125.0	0	97.5	0	200	111.4	8.98	20	
1,1-Dichloroethane	52.8	5.0	50.00	0	105.6	0	200	51.43	2.61	20	
1,1-Dichloroethene	51.0	5.0	50.00	0	102.0	60.1	131	49.55	2.88	20	
1,1-Dichloropropene	54.1	5.0	50.00	0	108.3	0	200	52.78	2.53	20	
1,2,3-Trichlorobenzene	57.7	5.0	50.00	0	115.4	0	200	57.10	1.08	20	
1,2,3-Trichloropropane	52.3	10	50.00	0	104.7	0	200	49.91	4.73	20	
1,2,3-Trimethylbenzene	51.9	5.0	50.00	0	103.8	0	200	50.38	2.99	20	
1,2,4-Trichlorobenzene	59.4	5.0	50.00	0	118.8	0	200	59.11	0.489	20	
1,2,4-Trimethylbenzene	54.3	5.0	50.00	0	108.6	0	200	52.38	3.62	20	
1,2-Dibromo-3-chloropropane	52.1	5.0	50.00	0	104.3	0	200	48.68	6.86	20	
1,2-Dibromoethane	52.7	5.0	50.00	0	105.3	86.9	119	50.96	3.28	20	
1,2-Dichlorobenzene	52.9	5.0	50.00	0	105.9	88	119	52.06	1.68	20	
1,2-Dichloroethane	54.5	5.0	50.00	0	109.0	73	117	53.06	2.68	20	
1,2-Dichloropropane	52.0	5.0	50.00	0	104.1	0	200	51.03	1.94	20	
1,3,5-Trimethylbenzene	53.4	5.0	50.00	0	106.8	0	200	51.58	3.50	20	
1,3-Dichlorobenzene	53.7	5.0	50.00	0	107.4	85.8	125	52.99	1.31	20	
1,3-Dichloropropane	50.8	5.0	50.00	0	101.6	0	200	49.82	1.93	20	
1,4-Dichlorobenzene	53.7	5.0	50.00	0	107.4	84.5	124	52.53	2.24	20	
1-Chlorobutane	49.5	5.0	50.00	0	99.0	0	200	48.31	2.47	20	
2,2-Dichloropropane	53.3	5.0	50.00	0	106.6	0	200	51.54	3.36	20	
2-Butanone	140	50.0	125.0	0	112.3	45.3	136	138.2	1.59	20	
2-Chlorotoluene	52.5	5.0	50.00	0	105.0	0	200	50.56	3.78	20	
2-Hexanone	132	50.0	125.0	0	105.3	0	200	129.2	1.86	20	
2-Nitropropane	48	50.0	50.00	0	96.4	0	200	46.58	0	20	J
4-Chlorotoluene	53.1	5.0	50.00	0	106.2	0	200	51.47	3.14	20	
4-Methyl-2-pentanone	129	50.0	125.0	0	103.4	0	200	126.4	2.24	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCSD-G101019-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>				Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766037</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Acetone	176	50.0	125.0	0	140.7	0	200	170.9	2.87	20		
Acrylonitrile	47.5	10	50.00	0	95.0	0	200	46.05	3.12	20		
Allyl chloride	52.9	5.0	50.00	0	105.8	0	200	51.17	3.36	20		
Benzene	52.3	1.0	50.00	0	104.6	73.9	109	50.92	2.71	20		
Bromobenzene	53.5	5.0	50.00	0	107.0	0	200	51.57	3.67	20		
Bromochloromethane	52.0	5.0	50.00	0	104.0	0	200	51.04	1.88	20		
Bromodichloromethane	53.6	5.0	50.00	0	107.1	91.3	126	52.74	1.56	20		
Bromoform	52.1	5.0	50.00	0	104.2	0	200	50.23	3.69	20		
Bromomethane	42.3	10	50.00	0	84.6	0	200	42.22	0.237	20		
Carbon disulfide	50.6	5.0	50.00	0	101.1	0	200	49.36	2.42	20		
Carbon tetrachloride	55.8	5.0	50.00	0	111.7	83.3	127	53.68	3.93	20		
Chlorobenzene	53.1	5.0	50.00	0	106.2	85.8	116	51.71	2.61	20		
Chloroethane	45.4	10	50.00	0	90.9	0	200	44.56	1.98	20		
Chloroform	54.4	5.0	50.00	0	108.7	80	113	53.02	2.48	20		
Chloromethane	33.4	10	50.00	0	66.8	0	200	33.17	0.691	20		
cis-1,2-Dichloroethene	53.4	5.0	50.00	0	106.9	0	200	52.25	2.25	20		
cis-1,3-Dichloropropene	53.2	4.0	50.00	0	106.4	0	200	52.59	1.17	20		
Cyclohexanone	264	100	250.0	0	105.5	0	200	306.1	14.9	20		
Dibromochloromethane	52.0	5.0	50.00	0	104.0	89.1	119	50.50	2.93	20		
Dibromomethane	53.1	5.0	50.00	0	106.2	0	200	51.54	2.96	20		
Dichlorodifluoromethane	24.6	10	50.00	0	49.2	0	200	24.25	1.51	20		
Ethyl acetate	50.1	50.0	50.00	0	100.3	0	200	48.19	3.97	20		
Ethyl ether	51.9	5.0	50.00	0	103.8	0	200	50.87	1.99	20		
Ethyl methacrylate	48.4	5.0	50.00	0	96.7	0	200	47.23	2.34	20		
Ethylbenzene	52.9	5.0	50.00	0	105.8	84.1	115	52.03	1.70	20		
Heptane	52.6	20.0	50.00	0	105.3	0	200	54.33	3.14	20		
Hexachlorobutadiene	58.3	5.0	50.00	0	116.6	0	200	57.37	1.57	20		
Hexachloroethane	50.4	5.0	50.00	0	100.8	0	200	48.19	4.50	20		
Iodomethane	68.7	10	50.00	0	137.4	0	200	65.79	4.34	20		
Isopropylbenzene	52.7	5.0	50.00	0	105.5	0	200	52.39	0.647	20		
m,p-Xylenes	106	5.0	100.0	0	105.6	79.1	111	103.9	1.57	20		

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>LCSD-G101019-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/19/2010</b>			RunNo: <b>141521</b>		
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>				Analysis Date: <b>10/19/2010</b>			SeqNo: <b>2766037</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	49	50.0	50.00	0	98.8	0	200	48.16	0	20	J
Methyl Methacrylate	49.6	5.0	50.00	0	99.3	0	200	47.87	3.65	20	
Methyl tert-butyl ether	52.8	2.0	50.00	0	105.7	80	128	51.50	2.59	20	
Methylacrylate	50.5	10	50.00	0	101.0	0	200	49.19	2.67	20	
Methylene chloride	50.5	5.0	50.00	0	101.0	73.9	116	49.95	1.11	20	
Naphthalene	56.9	10	50.00	0	113.7	73.1	135	54.56	4.13	20	
n-Butylbenzene	56.0	5.0	50.00	0	112.0	0	200	54.35	3.01	20	
n-Hexane	52.2	20.0	50.00	0	104.3	0	200	52.04	0.211	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	0	0	20	
n-Propylbenzene	52.9	5.0	50.00	0	105.9	0	200	51.14	3.44	20	
o-Xylene	50.6	5.0	50.00	0	101.2	82	117	49.96	1.25	20	
Pentachloroethane	54.8	5.0	50.00	0	109.6	0	200	52.41	4.46	20	
p-Isopropyltoluene	53.4	5.0	50.00	0	106.8	0	200	51.68	3.27	20	
Propionitrile	51.4	50.0	50.00	0	102.8	0	200	51.75	0.718	20	
sec-Butylbenzene	54.3	5.0	50.00	0	108.6	0	200	52.36	3.64	20	
Styrene	52.1	5.0	50.00	0	104.2	0	200	51.82	0.520	20	
tert-Butylbenzene	52.0	5.0	50.00	0	103.9	0	200	49.92	4.02	20	
Tetrachloroethene	53.6	5.0	50.00	0	107.1	74.6	115	51.83	3.28	20	
Tetrahydrofuran	51.4	50.0	50.00	0	102.9	0	200	48.72	5.41	20	
Toluene	52.0	5.0	50.00	0	104.0	79.1	112	50.61	2.71	20	
trans-1,2-Dichloroethene	54.3	5.0	50.00	0	108.6	0	200	53.19	2.08	20	
trans-1,3-Dichloropropene	50.3	4.0	50.00	0	100.6	0	200	49.46	1.72	20	
Trichloroethene	56.3	5.0	50.00	0	112.5	81	111	54.43	3.32	20	S
Trichlorofluoromethane	47.8	5.0	50.00	0	95.6	0	200	45.92	3.97	20	
Vinyl acetate	50.7	50.0	50.00	0	101.3	0	200	49.50	2.34	20	
Vinyl chloride	43.7	2.0	50.00	0	87.4	0	200	42.34	3.21	20	
Surr: 1,2-Dichloroethane-d4	50.0		50.00		99.9	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	49.8		50.00		99.6	82.1	116		0	20	
Surr: Dibromofluoromethane	52.3		50.00		104.5	77.7	120		0	20	
Surr: Toluene-d8	49.3		50.00		98.6	86	116		0	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MBLK-G101019-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766038</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MBLK-G101019-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766038</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100630

Report Date: 28-Oct-10

Sample ID: <b>MBLK-G101019-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766038</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	51.4		50.00		102.8	72.2	131				
Surr: 4-Bromofluorobenzene	50.3		50.00		100.7	82.1	116				
Surr: Dibromofluoromethane	52.2		50.00		104.4	77.7	120				
Surr: Toluene-d8	49.4		50.00		98.8	86	116				

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10100630

**Report Date:** 28-Oct-10

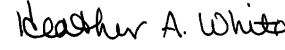
**Carrier:** Sean Spinner

**Received By:** TWM

**Completed by:**



**Reviewed by:**



**On:**

**On:**

15-Oct-10

15-Oct-10

Dawn Brantley

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 4.2
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 - vials have zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		

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

Per Pete Sazama ok to subcontract herbicides. DB 10/15/10



# 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** 09944 1010 0630

Project Name: Ameren Champaign Project Mgr.: P. Szaranga  
Project Number: 624-0908-01d0 Cost Code: 5000  
Sampler(s): J. Crompton

Laboratory Name: TekLab  
Location: Collinsville

Sample Number and (depth)	Date	Time	Matrix				
			Soil	Water	Air	Wipes	Other *
P6-B5.5-W(3)	10/13/10	1425	X				
P6-B5.5-W(8)		1440	X				
P6-BC5.5-W(3)		1500	X				
P6-BC5.5-W(8)		1510	X				
P6-CS.5-W(3)	10/14/10	0800	X				
P6-CS.5-W(8)	"	0812	X				
P6-AS.5-W(20)	"	1500	X				
P6-B5.5-W(20)	"	1514	X				

Total Number of Containers

Analyses by Method Name and Number

Method Name and Number	Analysis
VOCs 8260	X
SVCs 8270	X
SVCs 8270 SIMS	X
NCA Metals	X
Total Metals	X
Total Metals	X
PCBs	X
Hericides	X
Pesticides	X

Comments (Field PID) Lab ID #'s  
10100630-001  
002  
003  
004  
005  
006  
007  
008

Laboratory Temperature upon Receipt  
4.2

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

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

**Lab Directives:**

Requested TAT:  Rush  5 Days  STD  Other

Fax and/or Mail Results to: P. Szaranga and P. Hoyer

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

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

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

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

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

**Shipping:**

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

**Relinquished by:** Signature \_\_\_\_\_ Date 10/14/10 Time 1530

Signature \_\_\_\_\_ Date 10/14/10 Time 1835

**Received by:** Signature \_\_\_\_\_ Date 10/14/10 Time 1530

Signature \_\_\_\_\_ Date 10/14/10 Time 1835

October 22, 2010

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



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

**WorkOrder:** 10100630

Dear Pete Sazama:

TEKLAB, INC received 8 samples on 10/15/2010 6:35:00 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:** A831-735002-012901-225Ameren Champaign 62409080120

**LabOrder:** 10100630

**Report Date:** 22-Oct-10

**Cooler Receipt Temp:** 4.2 °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

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:** 10100630

**Lab ID:** 10100630-001

**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch

**Client Sample ID:** P6-B5.5-W (3)

**Collection Date:** 10/13/2010 2:25:00 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		22.4	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		77.6	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.88	mg/Kg-dry	1	10/19/2010 11:55:11 PM	JMW
Barium	NELAP	0.48		114	mg/Kg-dry	1	10/19/2010 11:55:11 PM	JMW
Cadmium	NELAP	0.19		2.05	mg/Kg-dry	1	10/20/2010 11:43:07 AM	LAL
Chromium	NELAP	0.96		24.2	mg/Kg-dry	1	10/19/2010 11:55:11 PM	JMW
Lead	NELAP	3.85		18.5	mg/Kg-dry	1	10/19/2010 11:55:11 PM	JMW
Selenium	NELAP	3.85	J	2.0	mg/Kg-dry	1	10/19/2010 11:55:11 PM	JMW
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	10/19/2010 11:55:11 PM	JMW
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>								
4,4'-DDD	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
4,4'-DDE	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
4,4'-DDT	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Alachlor	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Aldrin	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
alpha-BHC	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
alpha-Chlordane	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
beta-BHC	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Chlordane	NELAP	8.57		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
delta-BHC	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Dieldrin	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Endosulfan I	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Endosulfan II	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Endosulfan sulfate	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Endrin	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Endrin aldehyde	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Endrin ketone	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
gamma-BHC	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
gamma-Chlordane	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Heptachlor	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Heptachlor epoxide	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Methoxychlor	NELAP	4.29		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Toxaphene	NELAP	77.0		ND	µg/Kg-dry	1	10/19/2010 2:45:00 PM	MAV
Surr: Decachlorobiphenyl		48-149		116.5	%REC	1	10/19/2010 2:45:00 PM	MAV
Surr: Tetrachloro-m-xylene		19-145		100	%REC	1	10/19/2010 2:45:00 PM	MAV

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

# 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

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-B5.5-W (3)

**Lab ID:** 10100630-001

**Collection Date:** 10/13/2010 2:25:00 PM

**Report Date:** 22-Oct-10

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								
Aroclor 1016	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Aroclor 1221	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Aroclor 1232	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Aroclor 1242	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Aroclor 1248	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Aroclor 1254	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Aroclor 1260	NELAP	96.2		ND	µg/Kg-dry	1	10/19/2010 12:25:00 PM	MAV
Surr: Decachlorobiphenyl		5-156		106.9	%REC	1	10/19/2010 12:25:00 PM	MAV
Surr: Tetrachloro-meta-xylene		7.35-123		79.5	%REC	1	10/19/2010 12:25:00 PM	MAV
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.043		2.39	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Acenaphthylene	NELAP	0.043		2.58	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Anthracene	NELAP	0.043		3.44	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Benzo(a)anthracene	NELAP	0.043		1.72	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Benzo(a)pyrene	NELAP	0.043		1.50	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.043		1.16	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.043		0.648	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.043		0.341	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.848		ND	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Chrysene	NELAP	0.043		1.66	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.043		0.169	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Fluoranthene	NELAP	0.043		4.15	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Fluorene	NELAP	0.043		3.62	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.043		0.517	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Naphthalene	NELAP	0.043		0.050	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Phenanthrene	NELAP	0.043		11.9	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Pyrene	NELAP	0.043		5.98	mg/Kg-dry	10	10/17/2010 6:24:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		80.9	%REC	10	10/17/2010 6:24:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		85.1	%REC	10	10/17/2010 6:24:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		93.9	%REC	10	10/17/2010 6:24:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 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:** 10100630  
**Lab ID:** 10100630-001  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (3)  
**Collection Date:** 10/13/2010 2:25:00 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-Dimethylphenol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2-Chloronaphthalene	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2-Chlorophenol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2-Methoxy-4-methylphenol		0.823		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2-Methylnaphthalene	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2-Nitroaniline	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
2-Nitrophenol	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
3-Nitroaniline	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4-Chloroaniline	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4-Nitroaniline	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
4-Nitrophenol	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Aniline	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Azobenzene		0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Benzidine	NELAP	1.34		see note	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Benzoic acid	NELAP	1.90		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Benzyl alcohol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Carbazole		0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Dibenzofuran	NELAP	0.443		0.445	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Diethyl phthalate	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Dimethyl phthalate	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Hexachlorobenzene	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Hexachlorobutadiene	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Hexachloroethane	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

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**WorkOrder:** 10100630  
**Lab ID:** 10100630-001  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (3)  
**Collection Date:** 10/13/2010 2:25:00 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>								
Isophorone	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
m,p-Cresol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Nitrobenzene	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
o-Cresol	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Pentachlorophenol	NELAP	2.53		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Phenol	NELAP	0.443		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Pyridine	NELAP	0.633		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
1,2-Diphenylhydrazine		1.06		ND	mg/Kg-dry	1	10/15/2010 10:31:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		84.5	%REC	1	10/15/2010 10:31:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		66.1	%REC	1	10/15/2010 10:31:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		62.4	%REC	1	10/15/2010 10:31:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		66.8	%REC	1	10/15/2010 10:31:00 PM	DMH
Surr: Phenol-d5		34.9-110		66.8	%REC	1	10/15/2010 10:31:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		76.6	%REC	1	10/15/2010 10:31:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1,1-Trichloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1,2-Trichloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1-Dichloro-2-propanone		1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1-Dichloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1-Dichloroethene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,1-Dichloropropene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2,3-Trichloropropane	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2,3-Trimethylbenzene		121		1210	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	121		528	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2-Dibromoethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2-Dichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2-Dichloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,2-Dichloropropane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

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**Lab ID:** 10100630-001  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (3)  
**Collection Date:** 10/13/2010 2:25:00 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>								
1,3-Dichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,3-Dichloropropane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1,4-Dichlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
1-Chlorobutane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
2,2-Dichloropropane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
2-Butanone	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
2-Chlorotoluene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
2-Hexanone	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
2-Nitropropane	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
4-Chlorotoluene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
4-Methyl-2-pentanone	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Acetone	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Acrolein	NELAP	2430		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Acrylonitrile	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Allyl chloride	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Benzene	NELAP	24.3		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Bromobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Bromochloromethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Bromodichloromethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Bromoform	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Bromomethane	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Carbon disulfide	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Carbon tetrachloride	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Chlorobenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Chloroethane	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Chloroform	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Chloromethane	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	97.2		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Cyclohexanone		2430		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Dibromochloromethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Dibromomethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Dichlorodifluoromethane	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Ethyl acetate	NELAP	1210	J	380	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Ethyl ether	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Ethyl methacrylate	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Ethylbenzene	NELAP	121		482	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Heptane		486		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE

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## LABORATORY RESULTS

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**WorkOrder:** 10100630  
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Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Hexachloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Iodomethane	NELAP	243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Isopropylbenzene	NELAP	121		180	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
m,p-Xylenes	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Methacrylonitrile	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Methyl Methacrylate	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Methyl tert-butyl ether	NELAP	48.6		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Methylacrylate		243		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Methylene chloride	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Naphthalene	NELAP	243		590	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
n-Butylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
n-Hexane		486		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Nitrobenzene	NELAP	2430		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
n-Propylbenzene	NELAP	121		130	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
o-Xylene	NELAP	121		420	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Pentachloroethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
p-Isopropyltoluene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Propionitrile	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
sec-Butylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Styrene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
tert-Butylbenzene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Tetrachloroethene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Tetrahydrofuran	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Toluene	NELAP	121	J	58	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	97.2		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Trichloroethene	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Trichlorofluoromethane	NELAP	121		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Vinyl acetate	NELAP	1210		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Vinyl chloride	NELAP	48.6		ND	µg/Kg-dry	12.5	10/19/2010 11:21:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.9	%REC	12.5	10/19/2010 11:21:00 AM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		105.3	%REC	12.5	10/19/2010 11:21:00 AM	RWE
Surr: Dibromofluoromethane		77.7-120		100.5	%REC	12.5	10/19/2010 11:21:00 AM	RWE
Surr: Toluene-d8		86-116		106.8	%REC	12.5	10/19/2010 11:21:00 AM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		0.048	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								

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ENVIRONMENTAL TESTING LABORATORY

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**Lab ID:** 10100630-001  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (3)  
**Collection Date:** 10/13/2010 2:25:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		2.58		<b>Interference</b>	mg/Kg-dry	4	10/21/2010 9:42:00 AM	KNS
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.64	J	<b>0.37</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD

Elevated reporting limit due to sample composition.

SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD

Elevated reporting limit due to sample composition.

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

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

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

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

Elevated reporting limit due to matrix interference.

## 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:** 10100630  
**Lab ID:** 10100630-002  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (8)  
**Collection Date:** 10/13/2010 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		25.4	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		74.6	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.27		2.67	mg/Kg-dry	1	10/20/2010 12:01:03 AM	JMW
Barium	NELAP	0.45		73.3	mg/Kg-dry	1	10/20/2010 12:01:03 AM	JMW
Cadmium	NELAP	0.18		1.03	mg/Kg-dry	1	10/20/2010 11:46:01 AM	LAL
Chromium	NELAP	0.91		9.17	mg/Kg-dry	1	10/20/2010 12:01:03 AM	JMW
Lead	NELAP	3.64		10.5	mg/Kg-dry	1	10/20/2010 12:01:03 AM	JMW
Selenium	NELAP	3.64		< 3.64	mg/Kg-dry	1	10/20/2010 12:01:03 AM	JMW
Silver	NELAP	0.50		0.61	mg/Kg-dry	1	10/20/2010 12:01:03 AM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.005		0.435	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Acenaphthylene	NELAP	0.005		0.190	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Anthracene	NELAP	0.005		0.073	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Benzo(a)anthracene	NELAP	0.005		0.018	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Benzo(a)pyrene	NELAP	0.005		0.020	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.005		0.018	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.005		0.015	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.005		0.006	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.089		ND	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Chrysene	NELAP	0.005		0.014	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.005		ND	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Fluoranthene	NELAP	0.005		0.028	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Fluorene	NELAP	0.005		0.307	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.005		0.011	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Naphthalene	NELAP	0.005		0.016	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Phenanthrene	NELAP	0.005		0.490	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Pyrene	NELAP	0.005		0.045	mg/Kg-dry	1	10/17/2010 2:40:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		73.9	%REC	1	10/17/2010 2:40:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		84.3	%REC	1	10/17/2010 2:40:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		85.8	%REC	1	10/17/2010 2:40:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 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:** 10100630  
**Lab ID:** 10100630-002  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (8)  
**Collection Date:** 10/13/2010 2:40:00 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>								
2,4,6-Trichlorophenol	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.33		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2-Chloronaphthalene	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2-Chlorophenol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2-Methoxy-4-methylphenol		0.866		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2-Methylnaphthalene	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2-Nitroaniline	NELAP	1.33		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
2-Nitrophenol	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
3-Nitroaniline	NELAP	1.33		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.33		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4-Chloroaniline	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4-Nitroaniline	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
4-Nitrophenol	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Aniline	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Azobenzene		0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Benzidine	NELAP	1.41		see note	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Benzoic acid	NELAP	2.00		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Benzyl alcohol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Carbazole		0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Dibenzofuran	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Diethyl phthalate	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Dimethyl phthalate	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Hexachlorobenzene	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Hexachlorobutadiene	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-002  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (8)  
**Collection Date:** 10/13/2010 2:40:00 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>								
Hexachlorocyclopentadiene	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Hexachloroethane	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Isophorone	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
m,p-Cresol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Nitrobenzene	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
o-Cresol	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Pentachlorophenol	NELAP	2.66		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Phenol	NELAP	0.466		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Pyridine	NELAP	0.666		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
1,2-Diphenylhydrazine		1.12		ND	mg/Kg-dry	1	10/15/2010 6:45:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		80.8	%REC	1	10/15/2010 6:45:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		70.6	%REC	1	10/15/2010 6:45:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		71.0	%REC	1	10/15/2010 6:45:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		74.1	%REC	1	10/15/2010 6:45:00 PM	DMH
Surr: Phenol-d5		34.9-110		73.1	%REC	1	10/15/2010 6:45:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		80.4	%REC	1	10/15/2010 6:45:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1,1-Trichloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1,2-Trichloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1-Dichloro-2-propanone		1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1-Dichloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1-Dichloroethene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,1-Dichloropropene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2,3-Trichloropropane	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2,3-Trimethylbenzene		124		131	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	124	J	26	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2-Dibromoethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2-Dichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,2-Dichloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-002  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (8)  
**Collection Date:** 10/13/2010 2:40:00 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-Dichloropropane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	124	J	38	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,3-Dichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,3-Dichloropropane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1,4-Dichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
1-Chlorobutane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
2,2-Dichloropropane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
2-Butanone	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
2-Chlorotoluene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
2-Hexanone	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
2-Nitropropane	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
4-Chlorotoluene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Acetone	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Acrolein	NELAP	2470		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Acrylonitrile	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Allyl chloride	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Benzene	NELAP	24.7		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Bromobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Bromochloromethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Bromodichloromethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Bromoform	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Bromomethane	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Carbon disulfide	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Carbon tetrachloride	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Chlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Chloroethane	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Chloroform	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Chloromethane	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	98.9		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Cyclohexanone		2470		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Dibromochloromethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Dibromomethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Dichlorodifluoromethane	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Ethyl acetate	NELAP	1240	J	460	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Ethyl ether	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Ethyl methacrylate	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 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:** 10100630

**Lab ID:** 10100630-002

**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch

**Client Sample ID:** P6-B5.5-W (8)

**Collection Date:** 10/13/2010 2:40:00 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>								
Ethylbenzene	NELAP	124	J	50	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Heptane		494		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Hexachlorobutadiene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Hexachloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Iodomethane	NELAP	247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Isopropylbenzene	NELAP	124	J	40	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
m,p-Xylenes	NELAP	124	J	120	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Methacrylonitrile	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Methyl Methacrylate	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Methyl tert-butyl ether	NELAP	49.4		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Methylacrylate		247		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Methylene chloride	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Naphthalene	NELAP	247		1120	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
n-Butylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
n-Hexane		494		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Nitrobenzene	NELAP	2470		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
n-Propylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
o-Xylene	NELAP	124	J	61	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Pentachloroethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
p-Isopropyltoluene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Propionitrile	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
sec-Butylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Styrene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
tert-Butylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Tetrachloroethene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Tetrahydrofuran	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Toluene	NELAP	124	J	98	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	98.9		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Trichloroethene	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Trichlorofluoromethane	NELAP	124		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Vinyl acetate	NELAP	1240		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Vinyl chloride	NELAP	49.4		ND	µg/Kg-dry	12.5	10/15/2010 3:59:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		98.5	%REC	12.5	10/15/2010 3:59:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		100	%REC	12.5	10/15/2010 3:59:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.3	%REC	12.5	10/15/2010 3:59:00 PM	RWE
Surr: Toluene-d8		86-116		102.2	%REC	12.5	10/15/2010 3:59:00 PM	RWE

**SW-846 7471A**

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ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-002  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (8)  
**Collection Date:** 10/13/2010 2:40:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013	J	<b>0.004</b>	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.664		<b>&lt; 0.664</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.61		<b>&lt; 0.61</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

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

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

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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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-BC5.5-W (3)

**Lab ID:** 10100630-003

**Collection Date:** 10/13/2010 3:00:00 PM

**Report Date:** 22-Oct-10

**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		20.9	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		79.1	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45	J	2.0	mg/Kg-dry	1	10/20/2010 12:17:52 AM	JMW
Barium	NELAP	0.49		147	mg/Kg-dry	1	10/20/2010 12:17:52 AM	JMW
Cadmium	NELAP	0.20		0.94	mg/Kg-dry	1	10/20/2010 11:54:43 AM	LAL
Chromium	NELAP	0.98		23.4	mg/Kg-dry	1	10/20/2010 12:17:52 AM	JMW
Lead	NELAP	3.92		16.0	mg/Kg-dry	1	10/20/2010 12:17:52 AM	JMW
Selenium	NELAP	3.92	J	3.7	mg/Kg-dry	1	10/20/2010 12:17:52 AM	JMW
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	10/20/2010 12:17:52 AM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.021		ND	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Acenaphthylene	NELAP	0.021	SR	0.580	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Anthracene	NELAP	0.021		0.070	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Benzo(a)anthracene	NELAP	0.021	R	0.129	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Benzo(a)pyrene	NELAP	0.021	SR	0.874	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.021	SR	0.618	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.021	SR	0.786	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.021	R	0.158	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.422	S	ND	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Chrysene	NELAP	0.021		0.061	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.021	R	0.146	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Fluoranthene	NELAP	0.021		0.108	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Fluorene	NELAP	0.021		0.044	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.021	SR	0.569	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Naphthalene	NELAP	0.021		ND	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Phenanthrene	NELAP	0.021		ND	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Pyrene	NELAP	0.021	S	0.404	mg/Kg-dry	5	10/17/2010 7:01:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		73.3	%REC	5	10/17/2010 7:01:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		83.6	%REC	5	10/17/2010 7:01:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		86.5	%REC	5	10/17/2010 7:01:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
1,2-Dichlorobenzene	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
1,3-Dichlorobenzene	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
1,4-Dichlorobenzene	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-003  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (3)  
**Collection Date:** 10/13/2010 3:00:00 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>								
2,4,6-Trichlorophenol	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2,4-Dichlorophenol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2,4-Dimethylphenol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2,4-Dinitrophenol	NELAP	12.6		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2,4-Dinitrotoluene	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2,6-Dinitrotoluene	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2-Chloronaphthalene	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2-Chlorophenol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2-Methoxy-4-methylphenol		8.18		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2-Methylnaphthalene	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2-Nitroaniline	NELAP	12.6		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
2-Nitrophenol	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
3-Nitroaniline	NELAP	12.6		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	12.6		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4-Chloroaniline	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4-Nitroaniline	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
4-Nitrophenol	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Aniline	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Azobenzene		4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Benzidine	NELAP	13.3		see note	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Benzoic acid	NELAP	18.9		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Benzyl alcohol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Butyl benzyl phthalate	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Carbazole		6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Dibenzofuran	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Diethyl phthalate	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Dimethyl phthalate	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Di-n-butyl phthalate	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Di-n-octyl phthalate	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Hexachlorobenzene	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Hexachlorobutadiene	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH

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## LABORATORY RESULTS

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**WorkOrder:** 10100630  
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**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (3)  
**Collection Date:** 10/13/2010 3:00:00 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>								
Hexachlorocyclopentadiene	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Hexachloroethane	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Isophorone	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
m,p-Cresol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Nitrobenzene	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
N-Nitrosodimethylamine	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
o-Cresol	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Pentachlorophenol	NELAP	25.2		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Phenol	NELAP	4.41		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Pyridine	NELAP	6.29		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
1,2-Diphenylhydrazine		10.6		ND	mg/Kg-dry	10	10/15/2010 11:03:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		73.5	%REC	10	10/15/2010 11:03:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		75.7	%REC	10	10/15/2010 11:03:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		86.7	%REC	10	10/15/2010 11:03:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		83.4	%REC	10	10/15/2010 11:03:00 PM	DMH
Surr: Phenol-d5		34.9-110		80.5	%REC	10	10/15/2010 11:03:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		85.8	%REC	10	10/15/2010 11:03:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1,1-Trichloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1,2-Trichloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1-Dichloro-2-propanone		48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1-Dichloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1-Dichloroethene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,1-Dichloropropene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2,3-Trichloropropane	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2,3-Trimethylbenzene		4.8	J	1.1	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2-Dibromoethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2-Dichlorobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,2-Dichloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 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:** 10100630  
**Lab ID:** 10100630-003  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (3)  
**Collection Date:** 10/13/2010 3:00:00 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-Dichloropropane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,3-Dichlorobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,3-Dichloropropane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1,4-Dichlorobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
1-Chlorobutane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
2,2-Dichloropropane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
2-Butanone	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
2-Chlorotoluene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
2-Hexanone	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
2-Nitropropane	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
4-Chlorotoluene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
4-Methyl-2-pentanone	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Acetone	NELAP	48.3	J	39	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Acrolein	NELAP	96.6		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Acrylonitrile	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Allyl chloride	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Benzene	NELAP	1.0		2.2	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Bromobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Bromochloromethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Bromodichloromethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Bromoform	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Bromomethane	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Carbon disulfide	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Carbon tetrachloride	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Chlorobenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Chloroethane	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Chloroform	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Chloromethane	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	3.9		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Cyclohexanone		96.6		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Dibromochloromethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Dibromomethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Dichlorodifluoromethane	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Ethyl acetate	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Ethyl ether	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Ethyl methacrylate	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-BC5.5-W (3)

**Lab ID:** 10100630-003

**Collection Date:** 10/13/2010 3:00:00 PM

**Report Date:** 22-Oct-10

**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>								
Ethylbenzene	NELAP	4.8	J	1.8	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Heptane		19.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Hexachlorobutadiene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Hexachloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Iodomethane	NELAP	9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Isopropylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
m,p-Xylenes	NELAP	4.8	J	3.4	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Methacrylonitrile	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Methyl Methacrylate	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Methyl tert-butyl ether	NELAP	1.9		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Methylacrylate		9.7		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Methylene chloride	NELAP	4.8	J	2.9	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Naphthalene	NELAP	9.7	J	3.2	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
n-Butylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
n-Hexane		19.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Nitrobenzene	NELAP	96.6		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
n-Propylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
o-Xylene	NELAP	4.8	J	1.5	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Pentachloroethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
p-Isopropyltoluene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Propionitrile	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
sec-Butylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Styrene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
tert-Butylbenzene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Tetrachloroethene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Tetrahydrofuran	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Toluene	NELAP	4.8	J	4.6	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	3.9		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Trichloroethene	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Trichlorofluoromethane	NELAP	4.8		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Vinyl acetate	NELAP	48.3		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Vinyl chloride	NELAP	1.9		ND	µg/Kg-dry	1	10/18/2010 11:10:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		102.6	%REC	1	10/18/2010 11:10:00 AM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		94.6	%REC	1	10/18/2010 11:10:00 AM	RWE
Surr: Dibromofluoromethane		77.7-120		106.1	%REC	1	10/18/2010 11:10:00 AM	RWE
Surr: Toluene-d8		86-116		114.0	%REC	1	10/18/2010 11:10:00 AM	RWE

**SW-846 7471A**

## 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:** 10100630  
**Lab ID:** 10100630-003  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (3)  
**Collection Date:** 10/13/2010 3:00:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		<b>0.036</b>	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.632		<b>0.778</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.63		<b>0.84</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

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

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

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

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.

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-BC5.5-W (8)

**Lab ID:** 10100630-004

**Collection Date:** 10/13/2010 3:10:00 PM

**Report Date:** 22-Oct-10

**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		21.2	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		78.8	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		4.45	mg/Kg-dry	1	10/20/2010 12:39:31 AM	JMW
Barium	NELAP	0.48		68.7	mg/Kg-dry	1	10/20/2010 12:39:31 AM	JMW
Cadmium	NELAP	0.19		1.07	mg/Kg-dry	1	10/20/2010 11:57:37 AM	LAL
Chromium	NELAP	0.96		14.3	mg/Kg-dry	1	10/20/2010 12:39:31 AM	JMW
Lead	NELAP	3.85		12.3	mg/Kg-dry	1	10/20/2010 12:39:31 AM	JMW
Selenium	NELAP	3.85	J	3.4	mg/Kg-dry	1	10/20/2010 12:39:31 AM	JMW
Silver	NELAP	0.53		0.75	mg/Kg-dry	1	10/20/2010 12:39:31 AM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.608	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Acenaphthylene	NELAP	0.004		0.658	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Anthracene	NELAP	0.004		0.058	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		0.070	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		0.063	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		0.053	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		0.034	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		0.015	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.085		ND	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Chrysene	NELAP	0.004		0.071	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		0.008	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Fluoranthene	NELAP	0.004		0.171	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Fluorene	NELAP	0.004		0.371	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.025	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Naphthalene	NELAP	0.004		0.015	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Phenanthrene	NELAP	0.004		0.434	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Pyrene	NELAP	0.004		0.242	mg/Kg-dry	1	10/17/2010 3:15:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		73.6	%REC	1	10/17/2010 3:15:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		86.6	%REC	1	10/17/2010 3:15:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		81.1	%REC	1	10/17/2010 3:15:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-004  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (8)  
**Collection Date:** 10/13/2010 3:10:00 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>								
2,4,6-Trichlorophenol	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2-Chloronaphthalene	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2-Chlorophenol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2-Methoxy-4-methylphenol		0.826		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2-Methylnaphthalene	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2-Nitroaniline	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
2-Nitrophenol	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
3-Nitroaniline	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.27		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4-Chloroaniline	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4-Nitroaniline	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
4-Nitrophenol	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Aniline	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Azobenzene		0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Benzidine	NELAP	1.34		see note	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Benzoic acid	NELAP	1.91		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Benzyl alcohol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Carbazole		0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Dibenzofuran	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Diethyl phthalate	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Dimethyl phthalate	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Hexachlorobenzene	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Hexachlorobutadiene	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 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

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-BC5.5-W (8)

**Lab ID:** 10100630-004

**Collection Date:** 10/13/2010 3:10:00 PM

**Report Date:** 22-Oct-10

**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>								
Hexachlorocyclopentadiene	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Hexachloroethane	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Isophorone	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
m,p-Cresol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Nitrobenzene	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
o-Cresol	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Pentachlorophenol	NELAP	2.54		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Phenol	NELAP	0.445		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Pyridine	NELAP	0.636		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
1,2-Diphenylhydrazine		1.07		ND	mg/Kg-dry	1	10/15/2010 7:17:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		89.9	%REC	1	10/15/2010 7:17:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		74.2	%REC	1	10/15/2010 7:17:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		80.4	%REC	1	10/15/2010 7:17:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		80.1	%REC	1	10/15/2010 7:17:00 PM	DMH
Surr: Phenol-d5		34.9-110		81.2	%REC	1	10/15/2010 7:17:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		89.6	%REC	1	10/15/2010 7:17:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1,1-Trichloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1,2-Trichloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1-Dichloro-2-propanone		44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1-Dichloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1-Dichloroethene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,1-Dichloropropene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2,3-Trichloropropane	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2,3-Trimethylbenzene		4.5	J	3.6	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	4.5	J	2.7	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2-Dibromoethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2-Dichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,2-Dichloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 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:** 10100630  
**Lab ID:** 10100630-004  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (8)  
**Collection Date:** 10/13/2010 3:10:00 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-Dichloropropane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,3-Dichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,3-Dichloropropane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1,4-Dichlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
1-Chlorobutane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
2,2-Dichloropropane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
2-Butanone	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
2-Chlorotoluene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
2-Hexanone	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
2-Nitropropane	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
4-Chlorotoluene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
4-Methyl-2-pentanone	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Acetone	NELAP	44.9		45.6	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Acrolein	NELAP	89.8		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Acrylonitrile	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Allyl chloride	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Benzene	NELAP	0.9		6.2	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Bromobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Bromochloromethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Bromodichloromethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Bromoform	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Bromomethane	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Carbon disulfide	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Carbon tetrachloride	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Chlorobenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Chloroethane	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Chloroform	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Chloromethane	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	3.6		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Cyclohexanone		89.8		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Dibromochloromethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Dibromomethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Dichlorodifluoromethane	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Ethyl acetate	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Ethyl ether	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Ethyl methacrylate	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 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

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-BC5.5-W (8)

**Lab ID:** 10100630-004

**Collection Date:** 10/13/2010 3:10:00 PM

**Report Date:** 22-Oct-10

**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>								
Ethylbenzene	NELAP	4.5		5.1	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Heptane		18.0	J	3.1	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Hexachlorobutadiene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Hexachloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Iodomethane	NELAP	9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Isopropylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
m,p-Xylenes	NELAP	4.5		10.1	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Methacrylonitrile	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Methyl Methacrylate	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Methyl tert-butyl ether	NELAP	1.8		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Methylacrylate		9.0		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Methylene chloride	NELAP	4.5	J	2.1	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Naphthalene	NELAP	9.0		110	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
n-Butylbenzene	NELAP	4.5	J	1.3	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
n-Hexane		18.0	J	5.4	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Nitrobenzene	NELAP	89.8		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
n-Propylbenzene	NELAP	4.5	J	1.0	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
o-Xylene	NELAP	4.5		5.1	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Pentachloroethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
p-Isopropyltoluene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Propionitrile	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
sec-Butylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Styrene	NELAP	4.5	J	1.6	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
tert-Butylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Tetrachloroethene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Tetrahydrofuran	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Toluene	NELAP	4.5		8.3	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	3.6		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Trichloroethene	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Trichlorofluoromethane	NELAP	4.5		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Vinyl acetate	NELAP	44.9		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Vinyl chloride	NELAP	1.8		ND	µg/Kg-dry	1	10/18/2010 11:39:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		105.3	%REC	1	10/18/2010 11:39:00 AM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		95.0	%REC	1	10/18/2010 11:39:00 AM	RWE
Surr: Dibromofluoromethane		77.7-120		107.4	%REC	1	10/18/2010 11:39:00 AM	RWE
Surr: Toluene-d8		86-116		102.0	%REC	1	10/18/2010 11:39:00 AM	RWE

**SW-846 7471A**

## 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:** 10100630

**Lab ID:** 10100630-004

**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch

**Client Sample ID:** P6-BC5.5-W (8)

**Collection Date:** 10/13/2010 3:10:00 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>0.016</b>	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.622		<b>&lt; 0.622</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.58	J	<b>0.32</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

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

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

## 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:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-C5.5-W (3)

**Lab ID:** 10100630-005

**Collection Date:** 10/14/2010 8:00:00 AM

**Report Date:** 22-Oct-10

**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		29.1	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		70.9	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		3.48	mg/Kg-dry	1	10/20/2010 12:45:11 AM	JMW
Barium	NELAP	0.50		90.0	mg/Kg-dry	1	10/20/2010 12:45:11 AM	JMW
Cadmium	NELAP	0.20		1.39	mg/Kg-dry	1	10/20/2010 12:00:32 PM	LAL
Chromium	NELAP	1.00		21.8	mg/Kg-dry	1	10/20/2010 12:45:11 AM	JMW
Lead	NELAP	4.00		15.9	mg/Kg-dry	1	10/20/2010 12:45:11 AM	JMW
Selenium	NELAP	4.00		< 4.00	mg/Kg-dry	1	10/20/2010 12:45:11 AM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	10/20/2010 12:45:11 AM	JMW
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>								
4,4'-DDD	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
4,4'-DDE	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
4,4'-DDT	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Alachlor	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Aldrin	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
alpha-BHC	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
alpha-Chlordane	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
beta-BHC	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Chlordane	NELAP	4.65		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
delta-BHC	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Dieldrin	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Endosulfan I	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Endosulfan II	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Endosulfan sulfate	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Endrin	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Endrin aldehyde	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Endrin ketone	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
gamma-BHC	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
gamma-Chlordane	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Heptachlor	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Heptachlor epoxide	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Methoxychlor	NELAP	2.33		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Toxaphene	NELAP	41.8		ND	µg/Kg-dry	1	10/19/2010 3:58:00 PM	MAV
Surr: Decachlorobiphenyl		48-149		118.4	%REC	1	10/19/2010 3:58:00 PM	MAV
Surr: Tetrachloro-m-xylene		19-145		86.3	%REC	1	10/19/2010 3:58:00 PM	MAV

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

# 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:** 10100630  
**Lab ID:** 10100630-005  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (3)  
**Collection Date:** 10/14/2010 8:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								
Aroclor 1016	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Aroclor 1221	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Aroclor 1232	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Aroclor 1242	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Aroclor 1248	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Aroclor 1254	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Aroclor 1260	NELAP	52.3		ND	µg/Kg-dry	1	10/19/2010 1:17:00 PM	MAV
Surr: Decachlorobiphenyl		5-156		102.3	%REC	1	10/19/2010 1:17:00 PM	MAV
Surr: Tetrachloro-meta-xylene		7.35-123		87.5	%REC	1	10/19/2010 1:17:00 PM	MAV
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.005		0.273	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Acenaphthylene	NELAP	0.005		0.291	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Anthracene	NELAP	0.005		0.064	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Benzo(a)anthracene	NELAP	0.005		0.184	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Benzo(a)pyrene	NELAP	0.005		0.178	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.005		0.150	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.005		0.090	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.005		0.043	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.094		ND	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Chrysene	NELAP	0.005		0.183	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.005		0.022	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Fluoranthene	NELAP	0.005		0.410	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Fluorene	NELAP	0.005		0.259	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.005		0.071	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Naphthalene	NELAP	0.005		0.017	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Phenanthrene	NELAP	0.005		0.507	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Pyrene	NELAP	0.005		0.569	mg/Kg-dry	1	10/17/2010 3:52:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		76.8	%REC	1	10/17/2010 3:52:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		90.4	%REC	1	10/17/2010 3:52:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		93.5	%REC	1	10/17/2010 3:52:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 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:** 10100630  
**Lab ID:** 10100630-005  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (3)  
**Collection Date:** 10/14/2010 8:00:00 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-Dimethylphenol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.40		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2-Chloronaphthalene	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2-Chlorophenol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2-Methoxy-4-methylphenol		0.913		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2-Methylnaphthalene	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2-Nitroaniline	NELAP	1.40		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
2-Nitrophenol	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
3-Nitroaniline	NELAP	1.40		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.40		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4-Chloroaniline	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4-Nitroaniline	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
4-Nitrophenol	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Aniline	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Azobenzene		0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Benzidine	NELAP	1.48		see note	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Benzoic acid	NELAP	2.11		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Benzyl alcohol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Carbazole		0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Dibenzofuran	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Diethyl phthalate	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Dimethyl phthalate	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Hexachlorobenzene	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Hexachlorobutadiene	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Hexachloroethane	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-C5.5-W (3)

**Lab ID:** 10100630-005

**Collection Date:** 10/14/2010 8:00:00 AM

**Report Date:** 22-Oct-10

**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>								
Isophorone	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
m,p-Cresol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Nitrobenzene	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
o-Cresol	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Pentachlorophenol	NELAP	2.81		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Phenol	NELAP	0.492		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Pyridine	NELAP	0.702		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
1,2-Diphenylhydrazine		1.18		ND	mg/Kg-dry	1	10/15/2010 8:21:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		88.5	%REC	1	10/15/2010 8:21:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		72.6	%REC	1	10/15/2010 8:21:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		81.3	%REC	1	10/15/2010 8:21:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		83.1	%REC	1	10/15/2010 8:21:00 PM	DMH
Surr: Phenol-d5		34.9-110		82.5	%REC	1	10/15/2010 8:21:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		87.7	%REC	1	10/15/2010 8:21:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1,1-Trichloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1,2-Trichloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1-Dichloro-2-propanone		62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1-Dichloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1-Dichloroethene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,1-Dichloropropene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2,3-Trichloropropane	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2,3-Trimethylbenzene		6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2-Dibromoethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2-Dichlorobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2-Dichloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,2-Dichloropropane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 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:** 10100630  
**Lab ID:** 10100630-005  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (3)  
**Collection Date:** 10/14/2010 8:00:00 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>								
1,3-Dichlorobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,3-Dichloropropane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1,4-Dichlorobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
1-Chlorobutane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
2,2-Dichloropropane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
2-Butanone	NELAP	62.3	J	36	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
2-Chlorotoluene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
2-Hexanone	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
2-Nitropropane	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
4-Chlorotoluene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
4-Methyl-2-pentanone	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Acetone	NELAP	62.3		222	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Acrolein	NELAP	125		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Acrylonitrile	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Allyl chloride	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Benzene	NELAP	1.2		3.5	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Bromobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Bromochloromethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Bromodichloromethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Bromoform	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Bromomethane	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Carbon disulfide	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Carbon tetrachloride	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Chlorobenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Chloroethane	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Chloroform	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Chloromethane	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Cyclohexanone		125		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Dibromochloromethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Dibromomethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Dichlorodifluoromethane	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Ethyl acetate	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Ethyl ether	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Ethyl methacrylate	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Ethylbenzene	NELAP	6.2	J	3.3	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Heptane		24.9		ND	µg/Kg-dry	1	10/18/2010 12:08:00 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

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-C5.5-W (3)

**Lab ID:** 10100630-005

**Collection Date:** 10/14/2010 8:00:00 AM

**Report Date:** 22-Oct-10

**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>								
Hexachlorobutadiene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Hexachloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Iodomethane	NELAP	12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Isopropylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
m,p-Xylenes	NELAP	6.2		7.4	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Methacrylonitrile	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Methyl Methacrylate	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Methylacrylate		12.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Methylene chloride	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Naphthalene	NELAP	12.5	J	9.5	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
n-Butylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
n-Hexane		24.9		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Nitrobenzene	NELAP	125		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
n-Propylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
o-Xylene	NELAP	6.2	J	3.1	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Pentachloroethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
p-Isopropyltoluene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Propionitrile	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
sec-Butylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Styrene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
tert-Butylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Tetrachloroethene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Tetrahydrofuran	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Toluene	NELAP	6.2		6.9	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Trichloroethene	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Trichlorofluoromethane	NELAP	6.2		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Vinyl acetate	NELAP	62.3		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Vinyl chloride	NELAP	2.5		ND	µg/Kg-dry	1	10/18/2010 12:08:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		106.4	%REC	1	10/18/2010 12:08:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		104.9	%REC	1	10/18/2010 12:08:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		106.6	%REC	1	10/18/2010 12:08:00 PM	RWE
Surr: Toluene-d8		86-116		103.0	%REC	1	10/18/2010 12:08:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013		0.032	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								

## 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:** 10100630  
**Lab ID:** 10100630-005  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (3)  
**Collection Date:** 10/14/2010 8:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.64		<b>Interference</b>	mg/Kg-dry	4	10/21/2010 9:42:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.70	J	<b>0.66</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

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

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

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

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FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-C5.5-W (8)

**Lab ID:** 10100630-006

**Collection Date:** 10/14/2010 8:12:00 AM

**Report Date:** 22-Oct-10

**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		27.0	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		73.0	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.27		4.32	mg/Kg-dry	1	10/20/2010 12:50:49 AM	JMW
Barium	NELAP	0.45		15.5	mg/Kg-dry	1	10/20/2010 12:50:49 AM	JMW
Cadmium	NELAP	0.18		0.74	mg/Kg-dry	1	10/20/2010 1:11:09 PM	LAL
Chromium	NELAP	0.91		9.14	mg/Kg-dry	1	10/20/2010 12:50:49 AM	JMW
Lead	NELAP	3.64		8.28	mg/Kg-dry	1	10/20/2010 12:50:49 AM	JMW
Selenium	NELAP	3.64	J	3.5	mg/Kg-dry	1	10/20/2010 12:50:49 AM	JMW
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	10/20/2010 12:50:49 AM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.005		0.347	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Acenaphthylene	NELAP	0.005		0.895	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Anthracene	NELAP	0.005		0.016	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Benzo(a)anthracene	NELAP	0.005		0.013	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Benzo(a)pyrene	NELAP	0.005		0.009	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.005		0.008	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.005		0.006	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.005		ND	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.091		ND	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Chrysene	NELAP	0.005		0.009	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.005		ND	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Fluoranthene	NELAP	0.005		0.024	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Fluorene	NELAP	0.005		0.115	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.005		ND	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Naphthalene	NELAP	0.005		0.034	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Phenanthrene	NELAP	0.005		0.064	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Pyrene	NELAP	0.005		0.036	mg/Kg-dry	1	10/17/2010 5:47:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		83.9	%REC	1	10/17/2010 5:47:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		94.3	%REC	1	10/17/2010 5:47:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		99.8	%REC	1	10/17/2010 5:47:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 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:** 10100630  
**Lab ID:** 10100630-006  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (8)  
**Collection Date:** 10/14/2010 8:12:00 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>								
2,4,6-Trichlorophenol	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.36		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2-Chloronaphthalene	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2-Chlorophenol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2-Methoxy-4-methylphenol		0.882		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2-Methylnaphthalene	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2-Nitroaniline	NELAP	1.36		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
2-Nitrophenol	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
3-Nitroaniline	NELAP	1.36		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.36		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4-Chloroaniline	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4-Nitroaniline	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
4-Nitrophenol	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Aniline	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Azobenzene		0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Benzidine	NELAP	1.43		see note	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Benzoic acid	NELAP	2.04		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Benzyl alcohol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Carbazole		0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Dibenzofuran	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Diethyl phthalate	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Dimethyl phthalate	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Hexachlorobenzene	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Hexachlorobutadiene	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 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

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-C5.5-W (8)

**Lab ID:** 10100630-006

**Collection Date:** 10/14/2010 8:12:00 AM

**Report Date:** 22-Oct-10

**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>								
Hexachlorocyclopentadiene	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Hexachloroethane	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Isophorone	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
m,p-Cresol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Nitrobenzene	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
o-Cresol	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Pentachlorophenol	NELAP	2.71		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Phenol	NELAP	0.475		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Pyridine	NELAP	0.679		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
1,2-Diphenylhydrazine		1.14		ND	mg/Kg-dry	1	10/15/2010 7:49:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		81.0	%REC	1	10/15/2010 7:49:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		71.5	%REC	1	10/15/2010 7:49:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		71.2	%REC	1	10/15/2010 7:49:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		75.7	%REC	1	10/15/2010 7:49:00 PM	DMH
Surr: Phenol-d5		34.9-110		73.1	%REC	1	10/15/2010 7:49:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		78.3	%REC	1	10/15/2010 7:49:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1-Dichloro-2-propanone		50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,1-Dichloropropene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2,3-Trimethylbenzene		5.0		14.5	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.0	J	2.3	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2-Dibromoethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,2-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 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:** 10100630  
**Lab ID:** 10100630-006  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (8)  
**Collection Date:** 10/14/2010 8:12:00 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-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.0		6.3	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,3-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
1-Chlorobutane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
2,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
2-Butanone	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
2-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
2-Hexanone	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
2-Nitropropane	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
4-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
4-Methyl-2-pentanone	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Acetone	NELAP	50.0		66.6	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Acrolein	NELAP	100		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Acrylonitrile	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Allyl chloride	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Benzene	NELAP	1.0		3.8	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Bromobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Bromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Bromodichloromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Bromoform	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Bromomethane	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Carbon disulfide	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Carbon tetrachloride	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Chlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Chloroethane	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Chloroform	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Chloromethane	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Cyclohexanone		100		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Dibromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Dibromomethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Dichlorodifluoromethane	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Ethyl acetate	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Ethyl ether	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Ethyl methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 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:** 10100630  
**Lab ID:** 10100630-006  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (8)  
**Collection Date:** 10/14/2010 8:12:00 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>								
Ethylbenzene	NELAP	5.0	J	3.5	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Heptane		20.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Hexachlorobutadiene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Hexachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Iodomethane	NELAP	10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Isopropylbenzene	NELAP	5.0		6.0	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
m,p-Xylenes	NELAP	5.0		5.0	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Methacrylonitrile	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Methyl Methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Methylacrylate		10		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Methylene chloride	NELAP	5.0	J	1.4	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Naphthalene	NELAP	10		16.5	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
n-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
n-Hexane		20.0	J	4.1	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Nitrobenzene	NELAP	100		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
n-Propylbenzene	NELAP	5.0	J	2.8	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
o-Xylene	NELAP	5.0	J	3.2	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Pentachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
p-Isopropyltoluene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Propionitrile	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
sec-Butylbenzene	NELAP	5.0	J	1.4	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Styrene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
tert-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Tetrachloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Tetrahydrofuran	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Toluene	NELAP	5.0		5.8	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Trichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Trichlorofluoromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Vinyl acetate	NELAP	50.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Vinyl chloride	NELAP	2.0		ND	µg/Kg-dry	1	10/18/2010 12:36:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		105.4	%REC	1	10/18/2010 12:36:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.8	%REC	1	10/18/2010 12:36:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		108.1	%REC	1	10/18/2010 12:36:00 PM	RWE
Surr: Toluene-d8		86-116		101.9	%REC	1	10/18/2010 12:36:00 PM	RWE

**SW-846 7471A**

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ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-006  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-C5.5-W (8)  
**Collection Date:** 10/14/2010 8:12:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013	J	<b>0.005</b>	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.66		<b>Interference</b>	mg/Kg-dry	4	10/21/2010 9:42:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.68		<b>&lt; 0.68</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

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

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

## 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:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-A5.5-W (21)

**Lab ID:** 10100630-007

**Collection Date:** 10/14/2010 3:00:00 PM

**Report Date:** 22-Oct-10

**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		13.4	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		86.6	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		5.06	mg/Kg-dry	1	10/20/2010 12:56:27 AM	JMW
Barium	NELAP	0.48		16.2	mg/Kg-dry	1	10/20/2010 12:56:27 AM	JMW
Cadmium	NELAP	0.19		0.88	mg/Kg-dry	1	10/20/2010 1:14:05 PM	LAL
Chromium	NELAP	0.96		9.82	mg/Kg-dry	1	10/20/2010 12:56:27 AM	JMW
Lead	NELAP	3.85		18.9	mg/Kg-dry	1	10/20/2010 12:56:27 AM	JMW
Selenium	NELAP	3.85		< 3.85	mg/Kg-dry	1	10/20/2010 12:56:27 AM	JMW
Silver	NELAP	0.53		0.87	mg/Kg-dry	1	10/20/2010 12:56:27 AM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.584		7.59	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Acenaphthylene	NELAP	0.584		16.2	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Anthracene	NELAP	0.584		12.7	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Benzo(a)anthracene	NELAP	0.584		7.36	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Benzo(a)pyrene	NELAP	0.584		6.88	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.584		5.09	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.584		3.11	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.584		1.46	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	11.5		ND	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Chrysene	NELAP	0.584		6.99	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.584		0.774	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Fluoranthene	NELAP	0.584		15.5	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Fluorene	NELAP	0.584		13.9	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.584		2.39	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Naphthalene	NELAP	0.584		112	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Phenanthrene	NELAP	0.584		42.8	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Pyrene	NELAP	0.584		24.0	mg/Kg-dry	100	10/17/2010 4:30:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		80.4	%REC	100	10/17/2010 4:30:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		80.4	%REC	100	10/17/2010 4:30:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		92.6	%REC	100	10/17/2010 4:30:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
1,2-Dichlorobenzene	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
1,3-Dichlorobenzene	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
1,4-Dichlorobenzene	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 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:** 10100630  
**Lab ID:** 10100630-007  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (21)  
**Collection Date:** 10/14/2010 3:00:00 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>								
2,4,6-Trichlorophenol	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2,4-Dichlorophenol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2,4-Dimethylphenol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2,4-Dinitrophenol	NELAP	17.2		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2,4-Dinitrotoluene	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2,6-Dinitrotoluene	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2-Chloronaphthalene	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2-Chlorophenol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2-Methoxy-4-methylphenol		11.2		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2-Methylnaphthalene	NELAP	6.02		48.9	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2-Nitroaniline	NELAP	17.2		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
2-Nitrophenol	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
3-Nitroaniline	NELAP	17.2		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	17.2		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4-Chloroaniline	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4-Nitroaniline	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
4-Nitrophenol	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Aniline	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Azobenzene		6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Benzidine	NELAP	18.2		see note	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Benzoic acid	NELAP	25.8		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Benzyl alcohol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Butyl benzyl phthalate	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Carbazole		8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Dibenzofuran	NELAP	6.02	J	2.2	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Diethyl phthalate	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Dimethyl phthalate	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Di-n-butyl phthalate	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Di-n-octyl phthalate	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Hexachlorobenzene	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Hexachlorobutadiene	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-007  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (21)  
**Collection Date:** 10/14/2010 3:00:00 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>								
Hexachlorocyclopentadiene	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Hexachloroethane	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Isophorone	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
m,p-Cresol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Nitrobenzene	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
N-Nitrosodimethylamine	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
o-Cresol	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Pentachlorophenol	NELAP	34.4		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Phenol	NELAP	6.02		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Pyridine	NELAP	8.59		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
1,2-Diphenylhydrazine		14.4		ND	mg/Kg-dry	10	10/15/2010 9:26:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		67.7	%REC	10	10/15/2010 9:26:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		70.0	%REC	10	10/15/2010 9:26:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		69.5	%REC	10	10/15/2010 9:26:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		73.7	%REC	10	10/15/2010 9:26:00 PM	DMH
Surr: Phenol-d5		34.9-110		67.8	%REC	10	10/15/2010 9:26:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		75.9	%REC	10	10/15/2010 9:26:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1,1-Trichloroethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1,2-Trichloroethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1-Dichloro-2-propanone		30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1-Dichloroethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1-Dichloroethene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,1-Dichloropropene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2,3-Trichloropropane	NELAP	6150		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2,3-Trimethylbenzene		3080	J	1100	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	3080	J	730	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2-Dibromoethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2-Dichlorobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,2-Dichloroethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 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

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-A5.5-W (21)

**Lab ID:** 10100630-007

**Collection Date:** 10/14/2010 3:00:00 PM

**Report Date:** 22-Oct-10

**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-Dichloropropane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,3-Dichlorobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,3-Dichloropropane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1,4-Dichlorobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
1-Chlorobutane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
2,2-Dichloropropane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
2-Butanone	NELAP	30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
2-Chlorotoluene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
2-Hexanone	NELAP	30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
2-Nitropropane	NELAP	30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
4-Chlorotoluene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
4-Methyl-2-pentanone	NELAP	30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Acetone	NELAP	30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Acrolein	NELAP	61500		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Acrylonitrile	NELAP	6150		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Allyl chloride	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Benzene	NELAP	615		3040	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Bromobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Bromochloromethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Bromodichloromethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Bromoform	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Bromomethane	NELAP	6150		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Carbon disulfide	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Carbon tetrachloride	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Chlorobenzene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Chloroethane	NELAP	6150		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Chloroform	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Chloromethane	NELAP	6150		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	2460		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Cyclohexanone		61500		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Dibromochloromethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Dibromomethane	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Dichlorodifluoromethane	NELAP	6150		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Ethyl acetate	NELAP	30800		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Ethyl ether	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Ethyl methacrylate	NELAP	3080		ND	µg/Kg-dry	500	10/18/2010 1:34:00 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:** 10100630  
**Lab ID:** 10100630-007  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (21)  
**Collection Date:** 10/14/2010 3:00:00 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>								
Ethylbenzene	NELAP	3080		<b>3950</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Heptane		12300		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Hexachlorobutadiene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Hexachloroethane	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Iodomethane	NELAP	6150		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Isopropylbenzene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
m,p-Xylenes	NELAP	3080		<b>9550</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Methacrylonitrile	NELAP	30800		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Methyl Methacrylate	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Methyl tert-butyl ether	NELAP	1230		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Methylacrylate		6150		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Methylene chloride	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Naphthalene	NELAP	6150		<b>45600</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
n-Butylbenzene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
n-Hexane		12300		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Nitrobenzene	NELAP	61500		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
n-Propylbenzene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
o-Xylene	NELAP	3080		<b>4440</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Pentachloroethane	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
p-Isopropyltoluene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Propionitrile	NELAP	30800		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
sec-Butylbenzene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Styrene	NELAP	3080		<b>5920</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
tert-Butylbenzene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Tetrachloroethene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Tetrahydrofuran	NELAP	30800		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Toluene	NELAP	3080		<b>15800</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	2460		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Trichloroethene	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Trichlorofluoromethane	NELAP	3080		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Vinyl acetate	NELAP	30800		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Vinyl chloride	NELAP	1230		<b>ND</b>	µg/Kg-dry	500	10/18/2010 1:34:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>102.2</b>	%REC	500	10/18/2010 1:34:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		<b>106.1</b>	%REC	500	10/18/2010 1:34:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		<b>105.0</b>	%REC	500	10/18/2010 1:34:00 PM	RWE
Surr: Toluene-d8		86-116		<b>107.0</b>	%REC	500	10/18/2010 1:34:00 PM	RWE

**SW-846 7471A**

## 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:** 10100630  
**Lab ID:** 10100630-007  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-A5.5-W (21)  
**Collection Date:** 10/14/2010 3:00:00 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>0.008</b>	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.540		<b>&lt; 0.540</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.57		<b>&lt; 0.57</b>	mg/Kg-dry	1	10/20/2010 10:22:00 AM	KNS

### Sample Narrative

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

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

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

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:** 10100630  
**Lab ID:** 10100630-008  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (20)  
**Collection Date:** 10/14/2010 3:14:00 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		11.4	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.6	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		4.79	mg/Kg-dry	1	10/20/2010 1:02:05 AM	JMW
Barium	NELAP	0.47		16.1	mg/Kg-dry	1	10/20/2010 1:02:05 AM	JMW
Cadmium	NELAP	0.19		0.86	mg/Kg-dry	1	10/20/2010 1:17:00 PM	LAL
Chromium	NELAP	0.94		10.6	mg/Kg-dry	1	10/20/2010 1:02:05 AM	JMW
Lead	NELAP	3.77		9.58	mg/Kg-dry	1	10/20/2010 1:02:05 AM	JMW
Selenium	NELAP	3.77		< 3.77	mg/Kg-dry	1	10/20/2010 1:02:05 AM	JMW
Silver	NELAP	0.52		0.52	mg/Kg-dry	1	10/20/2010 1:02:05 AM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.094		0.539	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Acenaphthylene	NELAP	0.094		2.63	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Anthracene	NELAP	0.094		1.81	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Benzo(a)anthracene	NELAP	0.094		1.04	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Benzo(a)pyrene	NELAP	0.094		0.938	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.094		0.729	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.094		0.435	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.094		0.206	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	1.85		ND	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Chrysene	NELAP	0.094		0.965	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.094		0.107	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Fluoranthene	NELAP	0.094		2.27	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Fluorene	NELAP	0.094		2.02	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.094		0.330	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Naphthalene	NELAP	0.094		15.2	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Phenanthrene	NELAP	0.094		6.01	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Pyrene	NELAP	0.094		3.37	mg/Kg-dry	25	10/17/2010 5:08:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		72.0	%REC	25	10/17/2010 5:08:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		72.3	%REC	25	10/17/2010 5:08:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		81.4	%REC	25	10/17/2010 5:08:00 PM	DMH
<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	10/15/2010 9:58:00 PM	DMH
1,2-Dichlorobenzene	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
1,3-Dichlorobenzene	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
1,4-Dichlorobenzene	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 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:** 10100630  
**Lab ID:** 10100630-008  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (20)  
**Collection Date:** 10/14/2010 3:14:00 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>								
2,4,6-Trichlorophenol	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2,4-Dichlorophenol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2,4-Dimethylphenol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2,4-Dinitrophenol	NELAP	5.52		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2,4-Dinitrotoluene	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2,6-Dinitrotoluene	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2-Chloronaphthalene	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2-Chlorophenol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2-Methoxy-4-methylphenol		3.59		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2-Methylnaphthalene	NELAP	1.93		7.23	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2-Nitroaniline	NELAP	5.52		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
2-Nitrophenol	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
3-Nitroaniline	NELAP	5.52		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	5.52		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4-Chloroaniline	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4-Nitroaniline	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
4-Nitrophenol	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Aniline	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Azobenzene		1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Benzidine	NELAP	5.83		see note	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Benzoic acid	NELAP	8.29		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Benzyl alcohol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Butyl benzyl phthalate	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Carbazole		2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Dibenzofuran	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Diethyl phthalate	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Dimethyl phthalate	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Di-n-butyl phthalate	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Di-n-octyl phthalate	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Hexachlorobenzene	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Hexachlorobutadiene	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH

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**Client Sample ID:** P6-B5.5-W (20)  
**Collection Date:** 10/14/2010 3:14:00 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>								
Hexachlorocyclopentadiene	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Hexachloroethane	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Isophorone	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
m,p-Cresol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Nitrobenzene	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
N-Nitrosodimethylamine	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
o-Cresol	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Pentachlorophenol	NELAP	11.0		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Phenol	NELAP	1.93		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Pyridine	NELAP	2.76		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
1,2-Diphenylhydrazine		4.64		ND	mg/Kg-dry	5	10/15/2010 9:58:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		60.8	%REC	5	10/15/2010 9:58:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		67.4	%REC	5	10/15/2010 9:58:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		64.2	%REC	5	10/15/2010 9:58:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		70.3	%REC	5	10/15/2010 9:58:00 PM	DMH
Surr: Phenol-d5		34.9-110		64.6	%REC	5	10/15/2010 9:58:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		71.9	%REC	5	10/15/2010 9:58:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1,1-Trichloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1,2-Trichloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1-Dichloro-2-propanone		38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1-Dichloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1-Dichloroethene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,1-Dichloropropene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2,3-Trichloropropane	NELAP	7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2,3-Trimethylbenzene		3880	J	1200	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2-Dibromoethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2-Dichlorobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,2-Dichloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100630  
**Lab ID:** 10100630-008  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B5.5-W (20)  
**Collection Date:** 10/14/2010 3:14:00 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>								
1,2-Dichloropropane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,3-Dichlorobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,3-Dichloropropane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1,4-Dichlorobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
1-Chlorobutane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
2,2-Dichloropropane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
2-Butanone	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
2-Chlorotoluene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
2-Hexanone	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
2-Nitropropane	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
4-Chlorotoluene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
4-Methyl-2-pentanone	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Acetone	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Acrolein	NELAP	77600		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Acrylonitrile	NELAP	7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Allyl chloride	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Benzene	NELAP	776		6240	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Bromobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Bromochloromethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Bromodichloromethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Bromoform	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Bromomethane	NELAP	7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Carbon disulfide	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Carbon tetrachloride	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Chlorobenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Chloroethane	NELAP	7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Chloroform	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Chloromethane	NELAP	7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3100		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Cyclohexanone		77600		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Dibromochloromethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Dibromomethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Dichlorodifluoromethane	NELAP	7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Ethyl acetate	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Ethyl ether	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Ethyl methacrylate	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100630

**Client Sample ID:** P6-B5.5-W (20)

**Lab ID:** 10100630-008

**Collection Date:** 10/14/2010 3:14:00 PM

**Report Date:** 22-Oct-10

**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>								
Ethylbenzene	NELAP	3880	J	3500	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Heptane		15500		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Hexachlorobutadiene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Hexachloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Iodomethane	NELAP	7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Isopropylbenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
m,p-Xylenes	NELAP	3880		9510	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Methacrylonitrile	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Methyl Methacrylate	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Methyl tert-butyl ether	NELAP	1550		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Methylacrylate		7760		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Methylene chloride	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Naphthalene	NELAP	7760		71900	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
n-Butylbenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
n-Hexane		15500		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Nitrobenzene	NELAP	77600		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
n-Propylbenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
o-Xylene	NELAP	3880		4480	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Pentachloroethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
p-Isopropyltoluene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Propionitrile	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
sec-Butylbenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Styrene	NELAP	3880		5190	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
tert-Butylbenzene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Tetrachloroethene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Tetrahydrofuran	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Toluene	NELAP	3880		18400	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3100		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Trichloroethene	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Trichlorofluoromethane	NELAP	3880		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Vinyl acetate	NELAP	38800		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Vinyl chloride	NELAP	1550		ND	µg/Kg-dry	500	10/18/2010 2:03:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		102.4	%REC	500	10/18/2010 2:03:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		101.0	%REC	500	10/18/2010 2:03:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		103.8	%REC	500	10/18/2010 2:03:00 PM	RWE
Surr: Toluene-d8		86-116		99.7	%REC	500	10/18/2010 2:03:00 PM	RWE

**SW-846 7471A**

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ENVIRONMENTAL TESTING LABORATORY

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**Client Sample ID:** P6-B5.5-W (20)  
**Collection Date:** 10/14/2010 3:14:00 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	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.565		<b>&lt; 0.565</b>	mg/Kg-dry	1	10/21/2010 9:42:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		<b>&lt; 0.56</b>	mg/Kg-dry	1	10/22/2010 11:33:00 AM	KNS

### Sample Narrative

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

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

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

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

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.

October 18, 2010

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



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

**WorkOrder:** 10100660

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 10/15/2010 1:32:00 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:** A831-735002-012901-225Ameren Champaign 62409080120

**Lab Order:** 10100660

**Report Date:** 18-Oct-10

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
10100660-001	P6-B4.5-F (25)	5	10/15/2010 7:50:00 AM

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10100660

**Report Date:** 18-Oct-10

**Cooler Receipt Temp:** 5.4 °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:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100660

**Client Sample ID:** P6-B4.5-F (25)

**Lab ID:** 10100660-001

**Collection Date:** 10/15/2010 7:50:00 AM

**Report Date:** 18-Oct-10

**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		9.9	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		90.1	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		14.3	mg/Kg-dry	1	10/18/2010 2:54:00 PM	JMW
Barium	NELAP	0.50		15.6	mg/Kg-dry	1	10/18/2010 2:54:00 PM	JMW
Cadmium	NELAP	0.20		0.34	mg/Kg-dry	1	10/18/2010 2:54:00 PM	JMW
Chromium	NELAP	1.00		11.3	mg/Kg-dry	1	10/18/2010 2:54:00 PM	JMW
Lead	NELAP	4.00		10.9	mg/Kg-dry	1	10/18/2010 2:54:00 PM	JMW
Selenium	NELAP	4.00		< 4.00	mg/Kg-dry	1	10/18/2010 2:54:00 PM	JMW
Silver	NELAP	0.55		0.65	mg/Kg-dry	1	10/18/2010 2:54:00 PM	JMW
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	10.9		24.7	mg/Kg-dry	1	10/17/2010 12:43:00 PM	DMH
Kerosene	NELAP	10.9		ND	mg/Kg-dry	1	10/17/2010 12:43:00 PM	DMH
Mineral Spirits	NELAP	10.9		ND	mg/Kg-dry	1	10/17/2010 12:43:00 PM	DMH
Motor Oil	NELAP	10.9	#	18.3	mg/Kg-dry	1	10/17/2010 12:43:00 PM	DMH
Surr: n-Tetracontane		50.6-140		106.7	%REC	1	10/17/2010 12:43:00 PM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.007		0.042	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Acenaphthylene	NELAP	0.007		0.034	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Anthracene	NELAP	0.007		0.048	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Benzo(a)anthracene	NELAP	0.007		0.031	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Benzo(a)pyrene	NELAP	0.007		0.026	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.007		0.021	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.007		0.016	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.007		ND	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.145		ND	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Chrysene	NELAP	0.007		0.026	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.007		ND	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Fluoranthene	NELAP	0.007		0.063	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Fluorene	NELAP	0.007		0.047	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.007		0.009	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Naphthalene	NELAP	0.007		0.210	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Phenanthrene	NELAP	0.007		0.174	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Pyrene	NELAP	0.007		0.089	mg/Kg-dry	1	10/17/2010 12:17:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		72.7	%REC	1	10/17/2010 12:17:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		82.1	%REC	1	10/17/2010 12:17:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		85.0	%REC	1	10/17/2010 12:17:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100660  
**Lab ID:** 10100660-001  
**Report Date:** 18-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B4.5-F (25)  
**Collection Date:** 10/15/2010 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>								
1,2,4-Trichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
1,2-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
1,3-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
1,4-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
2,4-Dichlorophenol	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
2,4-Dimethylphenol	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
2,4-Dinitrophenol	NELAP	2.17		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
2-Chloronaphthalene	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
2-Chlorophenol	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
2-Methoxy-4-methylphenol		1.41		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
2-Methylnaphthalene	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
2-Nitroaniline	NELAP	2.17		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
2-Nitrophenol	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
3-Nitroaniline	NELAP	2.17		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.17		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
4-Chloroaniline	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
4-Nitroaniline	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
4-Nitrophenol	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Aniline	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Azobenzene		0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Benzidine	NELAP	2.29		see note	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Benzoic acid	NELAP	3.25		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Benzyl alcohol	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Carbazole		1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Dibenzofuran	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Diethyl phthalate	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100660  
**Lab ID:** 10100660-001  
**Report Date:** 18-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B4.5-F (25)  
**Collection Date:** 10/15/2010 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>								
Dimethyl phthalate	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Hexachlorobenzene	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Hexachlorobutadiene	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Hexachloroethane	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Isophorone	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
m,p-Cresol	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Nitrobenzene	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
N-Nitrosodimethylamine	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
o-Cresol	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Pentachlorophenol	NELAP	4.34		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Phenol	NELAP	0.759		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Pyridine	NELAP	1.08		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
1,2-Diphenylhydrazine		1.82		ND	mg/Kg-dry	1	10/17/2010 11:43:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		63.4	%REC	1	10/17/2010 11:43:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		68.6	%REC	1	10/17/2010 11:43:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		71.7	%REC	1	10/17/2010 11:43:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		73.3	%REC	1	10/17/2010 11:43:00 AM	DMH
Surr: Phenol-d5		34.9-110		75.0	%REC	1	10/17/2010 11:43:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		81.3	%REC	1	10/17/2010 11:43:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,1,1-Trichloroethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,1,2-Trichloroethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,1-Dichloro-2-propanone		1060		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,1-Dichloroethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,1-Dichloroethene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,1-Dichloropropene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,2,3-Trichloropropane	NELAP	211		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,2,3-Trimethylbenzene		106		488	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100660  
**Lab ID:** 10100660-001  
**Report Date:** 18-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B4.5-F (25)  
**Collection Date:** 10/15/2010 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>								
1,2,4-Trimethylbenzene	NELAP	106		1330	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,2-Dibromoethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,2-Dichlorobenzene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,2-Dichloroethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,2-Dichloropropane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	106		385	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,3-Dichlorobenzene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,3-Dichloropropane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1,4-Dichlorobenzene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
1-Chlorobutane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
2,2-Dichloropropane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
2-Butanone	NELAP	1060		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
2-Chlorotoluene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
2-Hexanone	NELAP	1060		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
2-Nitropropane	NELAP	1060		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
4-Chlorotoluene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1060		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Acetone	NELAP	1060	J	220	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Acetonitrile	NELAP	2110		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Acrolein	NELAP	2110		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Acrylonitrile	NELAP	211		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Allyl chloride	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Benzene	NELAP	21.1		380	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Bromobenzene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Bromochloromethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Bromodichloromethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Bromoform	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Bromomethane	NELAP	211		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Carbon disulfide	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Carbon tetrachloride	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Chlorobenzene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Chloroethane	NELAP	211		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Chloroform	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Chloromethane	NELAP	211		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Cyclohexanone		2110		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100660  
**Lab ID:** 10100660-001  
**Report Date:** 18-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B4.5-F (25)  
**Collection Date:** 10/15/2010 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>								
Dibromochloromethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Dibromomethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Dichlorodifluoromethane	NELAP	211		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Ethyl acetate	NELAP	1060	J	730	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Ethyl ether	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Ethyl methacrylate	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Ethylbenzene	NELAP	106		514	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Gasoline Range Organics (OA-1)		21100		51000	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Heptane		422		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Hexachlorobutadiene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Hexachloroethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Iodomethane	NELAP	211		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Isopropylbenzene	NELAP	106	J	21	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
m,p-Xylenes	NELAP	106		2450	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Methacrylonitrile	NELAP	1060		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Methyl Methacrylate	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Methyl tert-butyl ether	NELAP	42.2		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Methylacrylate		211		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Methylene chloride	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Naphthalene	NELAP	8440		28300	µg/Kg-dry	500	10/18/2010 1:28:00 PM	RWE
n-Butylbenzene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
n-Hexane		422		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Nitrobenzene	NELAP	2110		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
n-Propylbenzene	NELAP	106	J	95	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
o-Xylene	NELAP	106		1030	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Pentachloroethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
p-Isopropyltoluene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Propionitrile	NELAP	1060		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
sec-Butylbenzene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Styrene	NELAP	106		1460	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
tert-Butylbenzene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Tetrachloroethene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Tetrahydrofuran	NELAP	1060		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Toluene	NELAP	106		2120	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
trans-1,4-Dichloro-2-butene	NELAP	211		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Trichloroethene	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100660  
**Lab ID:** 10100660-001  
**Report Date:** 18-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-B4.5-F (25)  
**Collection Date:** 10/15/2010 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>								
Trichlorofluoromethane	NELAP	106		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Vinyl acetate	NELAP	1060		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Vinyl chloride	NELAP	42.2		ND	µg/Kg-dry	12.5	10/18/2010 12:30:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		96.9	%REC	12.5	10/18/2010 12:30:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		101.9	%REC	12.5	10/18/2010 12:30:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.1	%REC	12.5	10/18/2010 12:30:00 PM	RWE
Surr: Toluene-d8		86-116		99.2	%REC	12.5	10/18/2010 12:30:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.010	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.555		< 0.555	mg/Kg-dry	1	10/18/2010 8:58:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.55		< 0.55	mg/Kg-dry	1	10/18/2010 8:58:00 AM	KNS

### Sample Narrative

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

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

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

**Lab Order:** 10100660

**Report Date:** 18-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100660-001A	P6-B4.5-F (25)	10/15/2010	Solid	SW-846 3050B, 6010B, Metals by ICP	10/18/2010 9:37:35 AM	10/18/2010 2:54:00 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	10/15/2010 3:16:27 PM	10/17/2010 12:43:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 2:55:32 PM	10/17/2010 12:17:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/15/2010 3:00:53 PM	10/17/2010 11:43:00 AM
				SW-846 7471A	10/18/2010 10:02:50 AM	10/18/2010
10100660-001B				EPA SW846 3550C, 5035A, ASTM D2974		10/15/2010 3:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/15/2010 3:00:00 PM
				SW-846 9012A		10/18/2010 8:58:00 AM
				SW-846 9012A (Total)		10/18/2010 8:58:00 AM
10100660-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/18/2010 12:30:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/18/2010 1:28:00 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: A831-735002-012901-225Ameren Champaign 62409080120

Lab Order: 10100660

Report Date: 18-Oct-10

## ANALYTICAL QC SUMMARY REPORT

Test Number: M2540 G

Sample ID: <b>LCS-R141400</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>141400</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141400</b>		Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762570</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>141400</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141400</b>		Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762571</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 0 101.0 90 110

Sample ID: <b>10100660-001BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>141400</b>							
Client ID: <b>P6-B4.5-F (25)DUP</b>	Batch ID: <b>R141400</b>		Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762643</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 89.5 0.1 90.13 0.690 15

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW6010B**

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>MB-63771</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141429</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763404</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	0.5500	0	0	-100	100				

Sample ID: <b>LCS-63771</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141429</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763405</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	197	2.50	200.0	0	98.4	85	115				
Barium	192	0.50	200.0	0	96.2	85	115				
Cadmium	4.85	0.20	5.000	0	97.0	85	115				
Chromium	20.3	1.00	20.00	0	101.7	85	115				
Lead	51.1	4.00	50.00	0	102.2	85	115				
Selenium	193	4.00	200.0	0	96.6	85	115				
Silver	5.07	0.55	5.000	0	101.4	85	115				

Sample ID: <b>10100660-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141429</b>
Client ID: <b>P6-B4.5-F (25)MS</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763408</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	187	2.50	200.0	14.30	86.4	75	125				
Barium	175	0.50	200.0	15.64	79.5	75	125				
Cadmium	4.16	0.20	5.000	0.3400	76.4	75	125				
Chromium	30.7	1.00	20.00	11.31	97.1	75	125				
Lead	50.8	4.00	50.00	10.90	79.7	75	125				
Selenium	182	4.00	200.0	0	90.8	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW6010B

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>10100660-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141429</b>							
Client ID: <b>P6-B4.5-F (25)MS</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763408</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Silver	5.52	0.55	5.000	0.6500	97.4	75	125				
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Sample ID: <b>10100660-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141429</b>							
Client ID: <b>P6-B4.5-F (25)MSD</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763409</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	190	2.50	200.0	14.30	87.8	75	125	187.1	1.43	20
Barium	176	0.50	200.0	15.64	80.4	75	125	174.7	1.03	20
Cadmium	4.19	0.20	5.000	0.3400	77.0	75	125	4.160	0.719	20
Chromium	30.7	1.00	20.00	11.31	97.0	75	125	30.73	0.0977	20
Lead	59.6	4.00	50.00	10.90	97.3	75	125	50.77	15.9	20
Selenium	187	4.00	200.0	0	93.5	75	125	181.5	2.99	20
Silver	5.60	0.55	5.000	0.6500	99.0	75	125	5.520	1.44	20

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW7471 A

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>MB-63772</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141421</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63772</b>	<b>SOP 3063</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763096</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-63772</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141421</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63772</b>	<b>SOP 3063</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763097</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	106.4	85	115				
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Sample ID: <b>10100660-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141421</b>							
Client ID: <b>P6-B4.5-F (25)MS</b>	Batch ID: <b>63772</b>	<b>SOP 3063</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763099</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.306	0.011	0.2674	0.009625	111.0	75	125				
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Sample ID: <b>10100660-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141421</b>							
Client ID: <b>P6-B4.5-F (25)MSD</b>	Batch ID: <b>63772</b>	<b>SOP 3063</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763100</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.307	0.011	0.2674	0.009625	111.4	75	125	0.3064	0.348	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8015M/OA2

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>MB-63757</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141407</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63757</b>	<b>SW3550B</b>	Analysis Date: <b>10/17/2010</b>	SeqNo: <b>2762802</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	0.65		0.6700		97.5	54.8	128				

Sample ID: <b>LCS-63757</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141407</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63757</b>	<b>SW3550B</b>	Analysis Date: <b>10/17/2010</b>	SeqNo: <b>2762803</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	14.6	5.00	16.70	0	87.4	40.4	121				
Surr: n-Tetracontane	0.70		0.6700		103.9	54.8	128				

Sample ID: <b>10100660-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141407</b>							
Client ID: <b>P6-B4.5-F (25)MS</b>	Batch ID: <b>63757</b>	<b>SW3550B</b>	Analysis Date: <b>10/17/2010</b>	SeqNo: <b>2762805</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	46.2	10.9	36.43	24.66	59.1	20.3	167				
Surr: n-Tetracontane	1.53		1.461		104.6	53.9	153				

Sample ID: <b>10100660-001MSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141407</b>							
Client ID: <b>P6-B4.5-F (25)MSD</b>	Batch ID: <b>63757</b>	<b>SW3550B</b>	Analysis Date: <b>10/17/2010</b>	SeqNo: <b>2762806</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	48.5	10.8	36.24	24.66	65.8	20.3	167	46.19	4.92	34	
Surr: n-Tetracontane	1.57		1.454		107.8	53.9	153		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: LCS-A101018-1	SampType: LCS	Units: µg/Kg				Prep Date: 10/18/2010	RunNo: 141423				
Client ID: ZZZZZZ	Batch ID: 63777	SW5035				Analysis Date: 10/18/2010	SeqNo: 2763199				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	47.0	5.00	50.00	0	94.1	0	200				
1,1,1-Trichloroethane	50.8	5.00	50.00	0	101.6	85.8	124				
1,1,2,2-Tetrachloroethane	45.2	5.00	50.00	0	90.5	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	53.1	5.00	50.00	0	106.2	0	200				
1,1,2-Trichloroethane	46.9	5.00	50.00	0	93.8	0	200				
1,1-Dichloro-2-propanone	114	50.0	125.0	0	90.9	0	200				
1,1-Dichloroethane	49.5	5.00	50.00	0	99.0	0	200				
1,1-Dichloroethene	48.5	5.00	50.00	0	97.1	60.1	131				
1,1-Dichloropropene	51.4	5.00	50.00	0	102.8	0	200				
1,2,3-Trichlorobenzene	56.2	5.00	50.00	0	112.5	0	200				
1,2,3-Trichloropropane	44.8	10.0	50.00	0	89.7	0	200				
1,2,3-Trimethylbenzene	47.2	5.00	50.00	0	94.4	0	200				
1,2,4-Trichlorobenzene	58.8	5.00	50.00	0	117.6	0	200				
1,2,4-Trimethylbenzene	49.0	5.00	50.00	0	98.1	0	200				
1,2-Dibromo-3-chloropropane	46.2	5.00	50.00	0	92.4	0	200				
1,2-Dibromoethane	47.7	5.00	50.00	0	95.4	86.9	119				
1,2-Dichlorobenzene	48.2	5.00	50.00	0	96.5	88	119				
1,2-Dichloroethane	48.6	5.00	50.00	0	97.3	73	117				
1,2-Dichloropropane	49.4	5.00	50.00	0	98.9	0	200				
1,3,5-Trimethylbenzene	48.3	5.00	50.00	0	96.6	0	200				
1,3-Dichlorobenzene	49.6	5.00	50.00	0	99.3	85.8	125				
1,3-Dichloropropane	46.3	5.00	50.00	0	92.6	0	200				
1,4-Dichlorobenzene	49.9	5.00	50.00	0	99.7	84.5	124				
1-Chlorobutane	43.6	5.00	50.00	0	87.1	0	200				
2,2-Dichloropropane	51.2	5.00	50.00	0	102.3	0	200				
2-Butanone	152	50.0	125.0	0	121.4	45.3	136				
2-Chlorotoluene	47.3	5.00	50.00	0	94.6	0	200				
2-Hexanone	156	50.0	125.0	0	124.8	0	200				
2-Nitropropane	45	50.0	50.00	0	90.8	0	200				
4-Chlorotoluene	47.9	5.00	50.00	0	95.8	0	200				J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: LCS-A101018-1	SampType: LCS	Units: µg/Kg				Prep Date: 10/18/2010	RunNo: 141423				
Client ID: ZZZZZZ	Batch ID: 63777	SW5035				Analysis Date: 10/18/2010	SeqNo: 2763199				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	126	50.0	125.0	0	101.0	0	200				
Acetone	222	50.0	125.0	0	177.5	0	200				
Acrylonitrile	44.9	10.0	50.00	0	89.9	0	200				
Allyl chloride	49.1	5.00	50.00	0	98.1	0	200				
Benzene	49.8	1.00	50.00	0	99.6	73.9	109				
Bromobenzene	47.0	5.00	50.00	0	94.0	0	200				
Bromochloromethane	49.7	5.00	50.00	0	99.4	0	200				
Bromodichloromethane	49.1	5.00	50.00	0	98.3	91.3	126				
Bromoform	46.5	5.00	50.00	0	92.9	0	200				
Bromomethane	43.4	10.0	50.00	0	86.8	0	200				
Carbon disulfide	47.9	5.00	50.00	0	95.8	0	200				
Carbon tetrachloride	51.4	5.00	50.00	0	102.9	83.3	127				
Chlorobenzene	48.7	5.00	50.00	0	97.4	85.8	116				
Chloroethane	44.2	10.0	50.00	0	88.4	0	200				
Chloroform	50.7	5.00	50.00	0	101.4	80	113				
Chloromethane	33.0	10.0	50.00	0	65.9	0	200				
cis-1,2-Dichloroethene	51.0	5.00	50.00	0	102.0	0	200				
cis-1,3-Dichloropropene	50.7	4.00	50.00	0	101.3	0	200				
Cyclohexanone	320	100	250.0	0	128.0	0	200				
Dibromochloromethane	46.5	5.00	50.00	0	93.0	89.1	119				
Dibromomethane	50.3	5.00	50.00	0	100.6	0	200				
Dichlorodifluoromethane	26.4	10.0	50.00	0	52.8	0	200				
Ethyl acetate	48	50.0	50.00	0	95.2	0	200				J
Ethyl ether	48.7	5.00	50.00	0	97.5	0	200				
Ethyl methacrylate	46.3	5.00	50.00	0	92.6	0	200				
Ethylbenzene	48.4	5.00	50.00	0	96.7	84.1	115				
Heptane	52.4	20.0	50.00	0	104.8	0	200				
Hexachlorobutadiene	52.7	5.00	50.00	0	105.3	0	200				
Hexachloroethane	45.0	5.00	50.00	0	90.1	0	200				
Iodomethane	59.7	10.0	50.00	0	119.4	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>LCS-A101018-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141423</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63777</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763199</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	49.2	5.00	50.00	0	98.5	0	200				
m,p-Xylenes	96.1	5.00	100.0	0	96.1	79.1	111				
Methacrylonitrile	48	50.0	50.00	0	96.3	0	200				J
Methyl Methacrylate	48.2	5.00	50.00	0	96.3	0	200				
Methyl tert-butyl ether	48.0	2.00	50.00	0	96.0	80	128				
Methylacrylate	49.7	10.0	50.00	0	99.3	0	200				
Methylene chloride	49.0	5.00	50.00	0	98.1	73.9	116				
Naphthalene	54.3	10.0	50.00	0	108.6	73.1	135				
n-Butylbenzene	54.8	5.00	50.00	0	109.6	0	200				
n-Hexane	50.8	20.0	50.00	0	101.7	0	200				
Nitrobenzene	48	100	50.00	0	95.3	0	200				J
n-Propylbenzene	48.4	5.00	50.00	0	96.9	0	200				
o-Xylene	47.8	5.00	50.00	0	95.6	82	117				
Pentachloroethane	47.5	5.00	50.00	0	95.1	0	200				
p-Isopropyltoluene	50.7	5.00	50.00	0	101.4	0	200				
Propionitrile	50	50.0	50.00	0	99.8	0	200				J
sec-Butylbenzene	48.8	5.00	50.00	0	97.7	0	200				
Styrene	48.1	5.00	50.00	0	96.1	0	200				
tert-Butylbenzene	47.2	5.00	50.00	0	94.5	0	200				
Tetrachloroethene	50.9	5.00	50.00	0	101.8	74.6	115				
Tetrahydrofuran	49	50.0	50.00	0	98.2	0	200				J
Toluene	47.8	5.00	50.00	0	95.7	79.1	112				
trans-1,2-Dichloroethene	49.4	5.00	50.00	0	98.8	0	200				
trans-1,3-Dichloropropene	46.3	4.00	50.00	0	92.6	0	200				
trans-1,4-Dichloro-2-butene	45.1	10.0	50.00	0	90.2	0	200				
Trichloroethene	53.3	5.00	50.00	0	106.5	81	111				
Trichlorofluoromethane	44.6	5.00	50.00	0	89.2	0	200				
Vinyl acetate	46	50.0	50.00	0	91.4	0	200				J
Vinyl chloride	40.2	2.00	50.00	0	80.4	0	200				
Surr: 1,2-Dichloroethane-d4	47.2		50.00		94.3	72.2	131				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>LCS-A101018-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141423</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63777</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763199</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		103.6	82.1	116				
Surr: Dibromofluoromethane	50.8		50.00		101.6	77.7	120				
Surr: Toluene-d8	47.9		50.00		95.8	86	116				

Sample ID: <b>LCSD-A101018-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141423</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63777</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763200</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	47.3	5.00	50.00	0	94.6	0	200	47.03	0.594	20	
1,1,1-Trichloroethane	50.8	5.00	50.00	0	101.6	85.8	124	50.80	0.0394	20	
1,1,2,2-Tetrachloroethane	44.8	5.00	50.00	0	89.5	0	200	45.23	1.02	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	52.4	5.00	50.00	0	104.8	0	200	53.08	1.27	20	
1,1,2-Trichloroethane	46.6	5.00	50.00	0	93.2	0	200	46.89	0.642	20	
1,1-Dichloro-2-propanone	108	50.0	125.0	0	86.1	0	200	113.7	5.45	20	
1,1-Dichloroethane	49.3	5.00	50.00	0	98.6	0	200	49.51	0.466	20	
1,1-Dichloroethene	48.0	5.00	50.00	0	96.1	60.1	131	48.54	1.01	20	
1,1-Dichloropropene	51.7	5.00	50.00	0	103.5	0	200	51.41	0.640	20	
1,2,3-Trichlorobenzene	55.8	5.00	50.00	0	111.7	0	200	56.23	0.714	20	
1,2,3-Trichloropropane	44.0	10.0	50.00	0	87.9	0	200	44.83	1.96	20	
1,2,3-Trimethylbenzene	47.1	5.00	50.00	0	94.2	0	200	47.18	0.170	20	
1,2,4-Trichlorobenzene	57.7	5.00	50.00	0	115.4	0	200	58.81	1.87	20	
1,2,4-Trimethylbenzene	49.0	5.00	50.00	0	98.0	0	200	49.04	0.122	20	
1,2-Dibromo-3-chloropropane	45.6	5.00	50.00	0	91.2	0	200	46.19	1.29	20	
1,2-Dibromoethane	46.9	5.00	50.00	0	93.8	86.9	119	47.72	1.78	20	
1,2-Dichlorobenzene	48.3	5.00	50.00	0	96.6	88	119	48.24	0.145	20	
1,2-Dichloroethane	48.2	5.00	50.00	0	96.3	73	117	48.63	0.971	20	
1,2-Dichloropropane	49.6	5.00	50.00	0	99.2	0	200	49.44	0.343	20	
1,3,5-Trimethylbenzene	48.4	5.00	50.00	0	96.9	0	200	48.28	0.351	20	
1,3-Dichlorobenzene	49.6	5.00	50.00	0	99.1	85.8	125	49.64	0.181	20	
1,3-Dichloropropane	46.0	5.00	50.00	0	92.1	0	200	46.30	0.585	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>LCSD-A101018-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141423</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63777</b>	<b>SW5035</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763200</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	49.6	5.00	50.00	0	99.1	84.5	124	49.86	0.583	20	
1-Chlorobutane	43.8	5.00	50.00	0	87.5	0	200	43.57	0.435	20	
2,2-Dichloropropane	51.1	5.00	50.00	0	102.2	0	200	51.15	0.0587	20	
2-Butanone	134	50.0	125.0	0	107.1	45.3	136	151.8	12.5	20	
2-Chlorotoluene	47.1	5.00	50.00	0	94.1	0	200	47.28	0.445	20	
2-Hexanone	141	50.0	125.0	0	112.7	0	200	155.9	10.1	20	
2-Nitropropane	43	50.0	50.00	0	85.8	0	200	45.41	0	20	J
4-Chlorotoluene	47.6	5.00	50.00	0	95.3	0	200	47.89	0.502	20	
4-Methyl-2-pentanone	120	50.0	125.0	0	96.2	0	200	126.2	4.86	20	
Acetone	183	50.0	125.0	0	146.6	0	200	221.9	19.1	20	
Acrylonitrile	44.6	10.0	50.00	0	89.2	0	200	44.94	0.759	20	
Allyl chloride	49.3	5.00	50.00	0	98.6	0	200	49.07	0.468	20	
Benzene	49.9	1.00	50.00	0	99.8	73.9	109	49.82	0.120	20	
Bromobenzene	46.8	5.00	50.00	0	93.6	0	200	47.02	0.448	20	
Bromochloromethane	49.3	5.00	50.00	0	98.6	0	200	49.72	0.869	20	
Bromodichloromethane	49.5	5.00	50.00	0	99.0	91.3	126	49.14	0.730	20	
Bromoform	45.5	5.00	50.00	0	91.1	0	200	46.47	2.02	20	
Bromomethane	43.6	10.0	50.00	0	87.1	0	200	43.39	0.414	20	
Carbon disulfide	47.9	5.00	50.00	0	95.8	0	200	47.89	0	20	
Carbon tetrachloride	51.7	5.00	50.00	0	103.4	83.3	127	51.43	0.524	20	
Chlorobenzene	48.5	5.00	50.00	0	97.1	85.8	116	48.71	0.370	20	
Chloroethane	44.8	10.0	50.00	0	89.6	0	200	44.19	1.33	20	
Chloroform	50.5	5.00	50.00	0	101.1	80	113	50.68	0.296	20	
Chloromethane	33.8	10.0	50.00	0	67.5	0	200	32.97	2.34	20	
cis-1,2-Dichloroethene	50.6	5.00	50.00	0	101.3	0	200	51.01	0.748	20	
cis-1,3-Dichloropropene	50.3	4.00	50.00	0	100.7	0	200	50.67	0.653	20	
Cyclohexanone	309	100	250.0	0	123.5	0	200	320.0	3.53	20	
Dibromochloromethane	46.0	5.00	50.00	0	92.0	89.1	119	46.51	1.06	20	
Dibromomethane	49.7	5.00	50.00	0	99.5	0	200	50.32	1.16	20	
Dichlorodifluoromethane	26.0	10.0	50.00	0	52.1	0	200	26.38	1.34	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>LCSD-A101018-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141423</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63777</b>	<b>SW5035</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763200</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethyl acetate	46	50.0	50.00	0	92.0	0	200	47.60	0	20	J
Ethyl ether	48.5	5.00	50.00	0	97.0	0	200	48.73	0.514	20	
Ethyl methacrylate	45.3	5.00	50.00	0	90.6	0	200	46.31	2.20	20	
Ethylbenzene	48.3	5.00	50.00	0	96.6	84.1	115	48.36	0.103	20	
Heptane	52.4	20.0	50.00	0	104.9	0	200	52.40	0.0954	20	
Hexachlorobutadiene	52.9	5.00	50.00	0	105.9	0	200	52.66	0.511	20	
Hexachloroethane	45.5	5.00	50.00	0	91.0	0	200	45.05	1.02	20	
Iodomethane	60.0	10.0	50.00	0	120.0	0	200	59.69	0.551	20	
Isopropylbenzene	49.6	5.00	50.00	0	99.1	0	200	49.23	0.648	20	
m,p-Xylenes	96.0	5.00	100.0	0	96.0	79.1	111	96.11	0.0937	20	
Methacrylonitrile	47	50.0	50.00	0	93.9	0	200	48.14	0	20	J
Methyl Methacrylate	46.9	5.00	50.00	0	93.9	0	200	48.16	2.57	20	
Methyl tert-butyl ether	47.4	2.00	50.00	0	94.9	80	128	48.01	1.17	20	
Methylacrylate	48.2	10.0	50.00	0	96.5	0	200	49.66	2.88	20	
Methylene chloride	49.3	5.00	50.00	0	98.6	73.9	116	49.05	0.468	20	
Naphthalene	52.8	10.0	50.00	0	105.6	73.1	135	54.28	2.80	20	
n-Butylbenzene	54.8	5.00	50.00	0	109.5	0	200	54.81	0.110	20	
n-Hexane	50.1	20.0	50.00	0	100.2	0	200	50.85	1.51	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	47.64	0	20	
n-Propylbenzene	48.1	5.00	50.00	0	96.1	0	200	48.45	0.808	20	
o-Xylene	47.7	5.00	50.00	0	95.4	82	117	47.82	0.293	20	
Pentachloroethane	48.3	5.00	50.00	0	96.6	0	200	47.53	1.59	20	
p-Isopropyltoluene	51.1	5.00	50.00	0	102.2	0	200	50.69	0.825	20	
Propionitrile	46	50.0	50.00	0	93.1	0	200	49.90	0	20	J
sec-Butylbenzene	49.0	5.00	50.00	0	98.1	0	200	48.85	0.388	20	
Styrene	47.7	5.00	50.00	0	95.4	0	200	48.07	0.794	20	
tert-Butylbenzene	47.8	5.00	50.00	0	95.5	0	200	47.24	1.07	20	
Tetrachloroethene	50.3	5.00	50.00	0	100.7	74.6	115	50.89	1.09	20	
Tetrahydrofuran	47	50.0	50.00	0	94.0	0	200	49.12	0	20	J
Toluene	47.9	5.00	50.00	0	95.8	79.1	112	47.83	0.167	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>LCS-D-A101018-1</b>		SampType: <b>LCS-D</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/18/2010</b>			RunNo: <b>141423</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63777</b>		<b>SW5035</b>		Analysis Date: <b>10/18/2010</b>			SeqNo: <b>2763200</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	49.3	5.00	50.00	0	98.6	0	200	49.39	0.182	20	
trans-1,3-Dichloropropene	46.0	4.00	50.00	0	92.1	0	200	46.32	0.585	20	
trans-1,4-Dichloro-2-butene	43.5	10.0	50.00	0	86.9	0	200	45.11	3.73	20	
Trichloroethene	53.6	5.00	50.00	0	107.3	81	111	53.26	0.711	20	
Trichlorofluoromethane	45.1	5.00	50.00	0	90.2	0	200	44.62	1.09	20	
Vinyl acetate	45	50.0	50.00	0	90.8	0	200	45.72	0	20	J
Vinyl chloride	42.0	2.00	50.00	0	84.0	0	200	40.18	4.38	20	
Surr: 1,2-Dichloroethane-d4	47.6		50.00		95.2	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	51.8		50.00		103.6	82.1	116		0	20	
Surr: Dibromofluoromethane	51.1		50.00		102.2	77.7	120		0	20	
Surr: Toluene-d8	48.2		50.00		96.5	86	116		0	20	

Sample ID: <b>LCS-G-A101018-1</b>		SampType: <b>LCS-G</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/18/2010</b>			RunNo: <b>141423</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63777</b>		<b>SW5035</b>		Analysis Date: <b>10/18/2010</b>			SeqNo: <b>2763202</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	1960	1000	2000	0	98.2	70	130				
Surr: 1,2-Dichloroethane-d4	47.6		50.00		95.2	61	128				
Surr: 4-Bromofluorobenzene	53.1		50.00		106.2	78.2	117				
Surr: Dibromofluoromethane	49.3		50.00		98.7	66.6	130				
Surr: Toluene-d8	48.6		50.00		97.3	80.1	122				

Sample ID: <b>LCS-G-D-A101018-1</b>		SampType: <b>LCS-G-D</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/18/2010</b>			RunNo: <b>141423</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63777</b>		<b>SW5035</b>		Analysis Date: <b>10/18/2010</b>			SeqNo: <b>2763203</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	1930	1000	2000	0	96.6	70	130	1965	1.63	20	
Surr: 1,2-Dichloroethane-d4	49.4		50.00		98.7	61	128		0	0	
Surr: 4-Bromofluorobenzene	53.2		50.00		106.3	78.2	117		0	0	
Surr: Dibromofluoromethane	49.3		50.00		98.5	66.6	130		0	0	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>LCSGD-A101018-1</b>	SampType: <b>LCSGD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141423</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63777</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763203</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Toluene-d8	48.9		50.00		97.8	80.1	122		0	0	
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Sample ID: <b>MBLK-A101018-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141423</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63777</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763204</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

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>MBLK-A101018-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141423</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63777</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763204</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
Acetonitrile	ND	100									
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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>MBLK-A101018-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141423</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63777</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763204</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.00									
Ethyl methacrylate	ND	5.00									
Ethylbenzene	ND	5.00									
Gasoline Range Organics (OA-1)	ND	1000									
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	2.4	5.00									J
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: A831-735002-012901-225Ameren Champaign 62409080120

Test Number: SW8260B

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>MBLK-A101018-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141423</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63777</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763204</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									
trans-1,4-Dichloro-2-butene	ND	10.0									
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		98.9	72.2	131				
Surr: 4-Bromofluorobenzene	51.2		50.00		102.4	82.1	116				
Surr: Dibromofluoromethane	50.3		50.00		100.6	77.7	120				
Surr: Toluene-d8	48.8		50.00		97.6	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8270C

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>MB-63718</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141392</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63718</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762338</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	0.034									
Acenaphthylene	ND	0.034									
Aniline	ND	0.500									
Anthracene	ND	0.034									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8270C

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>MB-63718</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141392</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63718</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762338</b>							
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	0.034									
Benzo(a)pyrene	ND	0.034									
Benzo(b)fluoranthene	ND	0.034									
Benzo(g,h,i)perylene	ND	0.034									
Benzo(k)fluoranthene	ND	0.034									
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	0.034									
Dibenzo(a,h)anthracene	ND	0.034									
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	0.034									
Fluorene	ND	0.034									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.034									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>MB-63718</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141392</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63718</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762338</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	0.034									
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	0.034									
Phenol	ND	0.350									
Pyrene	ND	0.034									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.43		1.670		85.8	52.1	113				
Surr: 2-Fluorobiphenyl	0.663		0.8350		79.4	46.3	106				
Surr: 2-Fluorophenol	1.23		1.670		73.9	50.6	89				
Surr: Nitrobenzene-d5	0.666		0.8350		79.8	42.4	99.2				
Surr: Phenol-d5	1.27		1.670		76.3	55.9	98.5				
Surr: p-Terphenyl-d14	0.732		0.8350		87.6	45.5	115				

Sample ID: <b>LCS-63718</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141392</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63718</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762339</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.17	0.500	1.670	0	70.3	43.9	92.2				
1,4-Dichlorobenzene	1.10	0.500	1.670	0	65.9	43.8	84.1				
2,4,5-Trichlorophenol	2.94	0.350	3.330	0	88.1	38.6	123				
2,4,6-Trichlorophenol	2.90	0.350	3.330	0	87.0	35.9	123				
2,4-Dimethylphenol	2.47	0.500	3.330	0	74.3	38.3	88				
2,4-Dinitrophenol	2.89	1.00	3.330	0	86.8	1.88	162				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8270C

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: LCS-63718	SampType: LCS	Units: mg/Kg				Prep Date: 10/14/2010	RunNo: 141392				
Client ID: ZZZZZZ	Batch ID: 63718	SW3550B				Analysis Date: 10/15/2010	SeqNo: 2762339				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.41	0.350	1.670	0	84.3	48.6	102				
2-Chlorophenol	2.33	0.500	3.330	0	70.0	46.6	84				
4-Chloro-3-methylphenol	2.74	0.500	3.330	0	82.4	51.5	94.9				
4-Nitrophenol	3.33	0.350	3.330	0	99.9	53.2	104				
Acenaphthene	1.29	0.034	1.670	0	77.4	50.8	113				
Acenaphthylene	1.38	0.034	1.670	0	82.7	52.8	121				
Anthracene	1.27	0.034	1.670	0	76.3	53.3	115				
Benzo(a)anthracene	1.27	0.034	1.670	0	75.9	62.3	110				
Benzo(a)pyrene	1.32	0.034	1.670	0	79.0	58.2	109				
Benzo(b)fluoranthene	1.36	0.034	1.670	0	81.3	51.8	107				
Benzo(g,h,i)perylene	1.45	0.034	1.670	0	87.0	49.6	121				
Benzo(k)fluoranthene	1.56	0.034	1.670	0	93.5	63.1	129				
Bis(2-ethylhexyl)phthalate	1.54	0.350	1.670	0	92.2	56.3	109				
Chrysene	1.36	0.034	1.670	0	81.4	58.4	115				
Dibenzo(a,h)anthracene	1.45	0.034	1.670	0	86.8	54.9	120				
Diethyl phthalate	2.83	0.500	3.330	0	84.9	51.7	106				
Dimethyl phthalate	2.72	0.350	3.330	0	81.7	58.8	104				
Di-n-butyl phthalate	1.49	0.350	1.670	0	89.0	54.3	105				
Fluoranthene	1.37	0.034	1.670	0	81.8	61.6	113				
Fluorene	1.29	0.034	1.670	0	77.0	52.2	116				
Hexachlorobenzene	2.94	0.350	3.330	0	88.4	55.9	106				
Hexachlorobutadiene	2.15	0.500	3.330	0	64.6	35.7	100				
Hexachloroethane	2.23	0.500	3.330	0	66.8	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.47	0.034	1.670	0	88.0	52.7	115				
m,p-Cresol	1.21	0.500	1.670	0	72.2	37.6	93.7				
Naphthalene	1.11	0.034	1.670	0	66.6	45.7	101				
Nitrobenzene	2.40	0.500	3.330	0	72.1	51.8	104				
N-Nitroso-di-n-propylamine	1.25	0.500	1.670	0	75.1	49.1	94.5				
o-Cresol	1.21	0.500	1.670	0	72.6	43	101				
Pentachlorophenol	2.58	2.00	3.330	0	77.6	42.2	102				



Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>LCS-63718</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/14/2010</b>		RunNo: <b>141392</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>63718</b>		<b>SW3550B</b>		Analysis Date: <b>10/15/2010</b>		SeqNo: <b>2762339</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.32	0.034	1.670	0	79.0	52.9	113				
Phenol	2.32	0.350	3.330	0	69.8	41.6	81.3				
Pyrene	1.37	0.034	1.670	0	82.0	60.7	115				
Pyridine	1.61	0.500	3.330	0	48.2	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.41		1.670		84.6	52.1	113				
Surr: 2-Fluorobiphenyl	0.608		0.8350		72.8	46.3	106				
Surr: 2-Fluorophenol	1.17		1.670		70.1	50.6	89				
Surr: Nitrobenzene-d5	0.626		0.8350		74.9	42.4	99.2				
Surr: Phenol-d5	1.18		1.670		70.4	55.9	98.5				
Surr: p-Terphenyl-d14	0.735		0.8350		88.0	45.5	115				

Sample ID: <b>10100660-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/15/2010</b>		RunNo: <b>141402</b>			
Client ID: <b>P6-B4.5-F (25)MS</b>		Batch ID: <b>63718</b>		<b>SW3550B</b>		Analysis Date: <b>10/17/2010</b>		SeqNo: <b>2762660</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.64	1.10	3.679	0	71.9	35.9	102				
1,4-Dichlorobenzene	2.57	1.10	3.679	0	69.9	29.8	95.5				
2,4,5-Trichlorophenol	6.07	0.771	7.336	0	82.8	38.6	123				
2,4,6-Trichlorophenol	6.30	0.771	7.336	0	85.8	35.9	123				
2,4-Dimethylphenol	5.99	1.10	7.336	0	81.7	38.3	88				
2,4-Dinitrophenol	4.51	2.20	7.336	0	61.5	1.88	162				
2,4-Dinitrotoluene	2.98	0.771	3.679	0	80.9	37.5	107				
2-Chlorophenol	5.62	1.10	7.336	0	76.6	22.6	108				
4-Chloro-3-methylphenol	6.02	1.10	7.336	0	82.1	19.3	131				
4-Nitrophenol	6.97	0.771	7.336	0	95.1	27.6	123				
Diethyl phthalate	6.18	1.10	7.336	0	84.3	51.7	106				
Dimethyl phthalate	5.88	0.771	7.336	0	80.1	58.8	104				
Di-n-butyl phthalate	3.00	0.771	3.679	0	81.6	54.3	105				
Hexachlorobenzene	6.14	0.771	7.336	0	83.7	55.9	106				
Hexachlorobutadiene	5.03	1.10	7.336	0	68.5	35.7	100				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>10100660-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/15/2010</b>		RunNo: <b>141402</b>			
Client ID: <b>P6-B4.5-F (25)MS</b>		Batch ID: <b>63718</b>		<b>SW3550B</b>		Analysis Date: <b>10/17/2010</b>		SeqNo: <b>2762660</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	5.28	1.10	7.336	0	72.0	38.9	89.9				
m,p-Cresol	2.83	1.10	3.679	0	76.8	37.6	93.7				
Nitrobenzene	5.00	1.10	7.336	0	68.2	51.8	104				
N-Nitroso-di-n-propylamine	2.82	1.10	3.679	0	76.5	45.5	99.1				
o-Cresol	2.87	1.10	3.679	0	78.0	43	101				
Pentachlorophenol	4.2	4.41	7.336	0	57.3	18.5	113				J
Phenol	5.65	0.771	7.336	0	77.0	20.8	110				
Pyridine	3.96	1.10	7.336	0	54.0	3.61	74.3				
Surr: 2,4,6-Tribromophenol	2.87		3.679		78.0	32.7	130				
Surr: 2-Fluorobiphenyl	1.27		1.839		69.2	34.1	116				
Surr: 2-Fluorophenol	2.72		3.679		73.9	30.5	99				
Surr: Nitrobenzene-d5	1.09		1.839		59.4	34.1	101				
Surr: Phenol-d5	2.75		3.679		74.7	34.9	110				
Surr: p-Terphenyl-d14	1.43		1.839		77.7	41.7	124				

Sample ID: <b>10100660-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/15/2010</b>		RunNo: <b>141402</b>			
Client ID: <b>P6-B4.5-F (25)MSD</b>		Batch ID: <b>63718</b>		<b>SW3550B</b>		Analysis Date: <b>10/17/2010</b>		SeqNo: <b>2762661</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.49	1.06	3.556	0	70.2	35.9	102	2.643	5.77	40	
1,4-Dichlorobenzene	2.44	1.06	3.556	0	68.7	29.8	95.5	2.573	5.14	40	
2,4,5-Trichlorophenol	5.83	0.745	7.091	0	82.2	38.6	123	6.074	4.17	40	
2,4,6-Trichlorophenol	5.71	0.745	7.091	0	80.5	35.9	123	6.296	9.84	40	
2,4-Dimethylphenol	5.39	1.06	7.091	0	76.0	38.3	88	5.990	10.5	40	
2,4-Dinitrophenol	4.73	2.13	7.091	0	66.7	1.88	162	4.512	4.78	40	
2,4-Dinitrotoluene	2.88	0.745	3.556	0	80.9	37.5	107	2.976	3.43	40	
2-Chlorophenol	5.62	1.06	7.091	0	79.2	22.6	108	5.616	0.0114	40	
4-Chloro-3-methylphenol	5.94	1.06	7.091	0	83.7	19.3	131	6.023	1.41	40	
4-Nitrophenol	7.06	0.745	7.091	0	99.6	27.6	123	6.974	1.25	40	
Diethyl phthalate	6.09	1.06	7.091	0	85.8	51.7	106	6.185	1.62	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>10100660-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/15/2010</b>		RunNo: <b>141402</b>			
Client ID: <b>P6-B4.5-F (25)MSD</b>		Batch ID: <b>63718</b>		<b>SW3550B</b>		Analysis Date: <b>10/17/2010</b>		SeqNo: <b>2762661</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	5.65	0.745	7.091	0	79.7	58.8	104	5.878	3.97	40	
Di-n-butyl phthalate	2.89	0.745	3.556	0	81.2	54.3	105	3.003	3.86	40	
Hexachlorobenzene	6.19	0.745	7.091	0	87.3	55.9	106	6.142	0.745	40	
Hexachlorobutadiene	5.00	1.06	7.091	0	70.5	35.7	100	5.025	0.523	40	
Hexachloroethane	5.09	1.06	7.091	0	71.7	38.9	89.9	5.283	3.81	40	
m,p-Cresol	2.88	1.06	3.556	0	81.1	37.6	93.7	2.827	1.98	40	
Nitrobenzene	5.20	1.06	7.091	0	73.3	51.8	104	5.003	3.83	40	
N-Nitroso-di-n-propylamine	2.74	1.06	3.556	0	77.1	45.5	99.1	2.815	2.68	40	
o-Cresol	2.84	1.06	3.556	0	80.0	43	101	2.870	0.875	40	
Pentachlorophenol	4.29	4.26	7.091	0	60.5	18.5	113	4.204	2.03	40	
Phenol	5.81	0.745	7.091	0	81.9	20.8	110	5.651	2.80	40	
Pyridine	3.88	1.06	7.091	0	54.7	3.61	74.3	3.963	2.09	40	
Surr: 2,4,6-Tribromophenol	2.62		3.556		73.8	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	1.07		1.778		60.0	34.1	116		0	40	
Surr: 2-Fluorophenol	2.43		3.556		68.3	30.5	99		0	40	
Surr: Nitrobenzene-d5	1.17		1.778		65.8	34.1	101		0	40	
Surr: Phenol-d5	2.59		3.556		72.8	34.9	110		0	40	
Surr: p-Terphenyl-d14	1.36		1.778		76.4	41.7	124		0	40	

Sample ID: <b>MB-63735</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/15/2010</b>		RunNo: <b>141385</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63735</b>		<b>SW3550B</b>		Analysis Date: <b>10/15/2010</b>		SeqNo: <b>2762351</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: A831-735002-012901-225Ameren Champaign 62409080120

Test Number: **SW8270C**

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>MB-63735</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141385</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63735</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762351</b>							
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	0.137		0.1670		81.9	17.5	123				
Surr: Nitrobenzene-d5	0.153		0.1670		91.5	35	105				
Surr: p-Terphenyl-d14	0.158		0.1670		94.7	53.6	122				

Sample ID: <b>LCS-63735</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141385</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63735</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762353</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.135	0.003	0.1670	0	80.9	56.3	115				
Acenaphthylene	0.126	0.003	0.1670	0	75.2	60.3	143				
Anthracene	0.125	0.003	0.1670	0	74.9	52.1	109				
Benzo(a)anthracene	0.132	0.003	0.1670	0	79.2	52.8	112				
Benzo(a)pyrene	0.131	0.003	0.1670	0	78.7	40.8	127				
Benzo(b)fluoranthene	0.145	0.003	0.1670	0	86.6	50.1	150				
Benzo(g,h,i)perylene	0.153	0.003	0.1670	0	91.4	52.8	145				
Benzo(k)fluoranthene	0.146	0.003	0.1670	0	87.5	52	153				
Bis(2-ethylhexyl)phthalate	0.158	0.067	0.1670	0	94.6	50	150				
Chrysene	0.144	0.003	0.1670	0	86.3	60.8	128				
Dibenzo(a,h)anthracene	0.155	0.003	0.1670	0	93.1	54.9	150				
Fluoranthene	0.148	0.003	0.1670	0	88.8	58.7	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>LCS-63735</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141385</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63735</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762353</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	0.137	0.003	0.1670	0	82.3	57.8	125				
Indeno(1,2,3-cd)pyrene	0.156	0.003	0.1670	0	93.6	52	147				
Naphthalene	0.127	0.003	0.1670	0	76.3	54.8	113				
Phenanthrene	0.133	0.003	0.1670	0	79.8	60.4	121				
Pyrene	0.141	0.003	0.1670	0	84.6	57.9	129				
Surr: 2-Fluorobiphenyl	0.130		0.1670		77.6	35.3	113				
Surr: Nitrobenzene-d5	0.140		0.1670		83.6	33.9	108				
Surr: p-Terphenyl-d14	0.147		0.1670		88.2	58.4	122				

Sample ID: <b>10100660-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141399</b>
Client ID: <b>P6-B4.5-F (25)MS</b>	Batch ID: <b>63735</b>	<b>SW3550B</b>	Analysis Date: <b>10/17/2010</b>	SeqNo: <b>2762469</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.308	0.007	0.3593	0.04185	74.0	36	135				
Acenaphthylene	0.294	0.007	0.3593	0.03404	72.3	17.2	167				
Anthracene	0.287	0.007	0.3593	0.04821	66.6	39.3	124				
Benzo(a)anthracene	0.284	0.007	0.3593	0.03057	70.6	10	183				
Benzo(a)pyrene	0.306	0.007	0.3593	0.02609	77.9	10	204				
Benzo(b)fluoranthene	0.319	0.007	0.3593	0.02082	82.9	10.6	178				
Benzo(g,h,i)perylene	0.335	0.007	0.3593	0.01612	88.7	10	168				
Benzo(k)fluoranthene	0.288	0.007	0.3593	0	80.1	27.6	181				
Bis(2-ethylhexyl)phthalate	0.329	0.144	0.3593	0	91.7	50	150				
Chrysene	0.311	0.007	0.3593	0.02609	79.2	10	176				
Dibenzo(a,h)anthracene	0.334	0.007	0.3593	0	93.0	12.2	156				
Fluoranthene	0.318	0.007	0.3593	0.06303	71.0	10	227				
Fluorene	0.317	0.007	0.3593	0.04691	75.1	35.2	148				
Indeno(1,2,3-cd)pyrene	0.337	0.007	0.3593	0.009107	91.1	10	164				
Naphthalene	0.318	0.007	0.3593	0.2101	29.9	14.7	128				
Phenanthrene	0.316	0.007	0.3593	0.1743	39.5	32.8	143				
Pyrene	0.312	0.007	0.3593	0.08883	62.2	10	180				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8270C

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>10100660-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141399</b>							
Client ID: <b>P6-B4.5-F (25)MS</b>	Batch ID: <b>63735</b>	<b>SW3550B</b>	Analysis Date: <b>10/17/2010</b>	SeqNo: <b>2762469</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 2-Fluorobiphenyl	0.254		0.3593		70.8	10	131				
Surr: Nitrobenzene-d5	0.272		0.3593		75.7	10	132				
Surr: p-Terphenyl-d14	0.307		0.3593		85.4	30.6	131				

Sample ID: <b>10100660-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/15/2010</b>	RunNo: <b>141399</b>							
Client ID: <b>P6-B4.5-F (25)MSD</b>	Batch ID: <b>63735</b>	<b>SW3550B</b>	Analysis Date: <b>10/17/2010</b>	SeqNo: <b>2762470</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Acenaphthene	0.281	0.007	0.3572	0.04185	66.8	36	135	0.3078	9.23	49.7	
Acenaphthylene	0.268	0.007	0.3572	0.03404	65.4	17.2	167	0.2939	9.34	33.3	
Anthracene	0.279	0.007	0.3572	0.04821	64.5	39.3	124	0.2875	3.11	51.1	
Benzo(a)anthracene	0.278	0.007	0.3572	0.03057	69.4	10	183	0.2841	2.03	40.6	
Benzo(a)pyrene	0.302	0.007	0.3572	0.02609	77.1	10	204	0.3060	1.43	56.4	
Benzo(b)fluoranthene	0.312	0.007	0.3572	0.02082	81.5	10.6	178	0.3187	2.12	49.7	
Benzo(g,h,i)perylene	0.324	0.007	0.3572	0.01612	86.3	10	168	0.3349	3.21	36.5	
Benzo(k)fluoranthene	0.287	0.007	0.3572	0	80.3	27.6	181	0.2877	0.257	42.6	
Bis(2-ethylhexyl)phthalate	0.322	0.143	0.3572	0	90.0	50	150	0.3294	2.43	60.3	
Chrysene	0.297	0.007	0.3572	0.02609	75.7	10	176	0.3107	4.65	45.1	
Dibenzo(a,h)anthracene	0.328	0.007	0.3572	0	91.7	12.2	156	0.3340	1.92	39.9	
Fluoranthene	0.314	0.007	0.3572	0.06303	70.4	10	227	0.3181	1.15	66.2	
Fluorene	0.299	0.007	0.3572	0.04691	70.5	35.2	148	0.3169	5.90	65.6	
Indeno(1,2,3-cd)pyrene	0.331	0.007	0.3572	0.009107	90.0	10	164	0.3366	1.80	36.5	
Naphthalene	0.318	0.007	0.3572	0.2101	30.2	14.7	128	0.3175	0.118	39.6	
Phenanthrene	0.301	0.007	0.3572	0.1743	35.5	32.8	143	0.3164	4.89	35.4	
Pyrene	0.306	0.007	0.3572	0.08883	60.9	10	180	0.3123	1.90	60.1	
Surr: 2-Fluorobiphenyl	0.235		0.3572		65.7	10	131		0	40	
Surr: Nitrobenzene-d5	0.263		0.3572		73.5	10	132		0	40	
Surr: p-Terphenyl-d14	0.292		0.3572		81.7	30.6	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>MB-63718</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141388</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63718</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762281</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	0.719		0.8350		86.1	46.3	106				
Surr: Nitrobenzene-d5	0.725		0.8350		86.8	42.4	99.2				
Surr: p-Terphenyl-d14	0.786		0.8350		94.2	45.5	115				

Sample ID: <b>LCS-63718</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/14/2010</b>	RunNo: <b>141388</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63718</b>	<b>SW3550B</b>	Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762282</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.33	0.0340	1.670	0	79.7	50.8	113				
Acenaphthylene	1.40	0.0340	1.670	0	84.1	52.8	121				
Anthracene	1.28	0.0340	1.670	0	76.8	53.3	115				
Benzo(a)anthracene	1.25	0.0340	1.670	0	75.0	62.3	110				
Benzo(a)pyrene	1.42	0.0340	1.670	0	85.0	58.2	109				
Benzo(b)fluoranthene	1.50	0.0340	1.670	0	89.7	51.8	107				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8270C

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>LCS-63718</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/14/2010</b>		RunNo: <b>141388</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63718</b>		<b>SW3550B</b>		Analysis Date: <b>10/15/2010</b>		SeqNo: <b>2762282</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	1.38	0.0340	1.670	0	82.9	49.6	121				
Benzo(k)fluoranthene	1.50	0.0340	1.670	0	89.9	63.1	129				
Chrysene	1.36	0.0340	1.670	0	81.4	58.4	115				
Dibenzo(a,h)anthracene	1.47	0.0340	1.670	0	88.1	54.9	120				
Fluoranthene	1.44	0.0340	1.670	0	86.2	61.6	113				
Fluorene	1.37	0.0340	1.670	0	82.0	52.2	116				
Indeno(1,2,3-cd)pyrene	1.47	0.0340	1.670	0	88.1	52.7	115				
Naphthalene	1.19	0.0340	1.670	0	71.4	45.7	101				
Phenanthrene	1.39	0.0340	1.670	0	83.1	52.9	113				
Pyrene	1.36	0.0340	1.670	0	81.6	60.7	115				
Surr: 2-Fluorobiphenyl	0.682		0.8350		81.6	46.3	106				
Surr: Nitrobenzene-d5	0.702		0.8350		84.1	42.4	99.2				
Surr: p-Terphenyl-d14	0.774		0.8350		92.7	45.5	115				

Sample ID: <b>LCS-DRO-63718</b>		SampType: <b>LCS</b>		Units: <b>%REC</b>		Prep Date: <b>10/14/2010</b>		RunNo: <b>141388</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63718</b>		<b>SW3550B</b>		Analysis Date: <b>10/15/2010</b>		SeqNo: <b>2762283</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.718		0.8350		86.0	46.3	106				
Surr: Nitrobenzene-d5	0.691		0.8350		82.8	42.4	99.2				
Surr: p-Terphenyl-d14	0.827		0.8350		99.0	45.5	115				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW9012A (TCN) Solid

Lab Order: 10100660

Report Date: 18-Oct-10

Sample ID: <b>MB-R141424</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141424</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141424</b>					Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763222</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-R141424</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141424</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141424</b>					Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763223</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.03 0.01 0.02500 0 102.9 85 115

Sample ID: <b>10100660-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>141424</b>				
Client ID: <b>P6-B4.5-F (25)MS</b>	Batch ID: <b>R141424</b>					Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763228</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.16 0.55 1.387 0 83.6 75 125

Sample ID: <b>10100660-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>141424</b>				
Client ID: <b>P6-B4.5-F (25)MSD</b>	Batch ID: <b>R141424</b>					Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763229</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.12 0.55 1.387 0 81.1 75 125 1.159 3.09 15

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10100660

**Report Date:** 18-Oct-10

Carrier: employee

Received By: TWM

Completed by:

Reviewed by:

On:

On:

15-Oct-10

15-Oct-10

Dawn Brantley

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 5.4
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 - vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input checked="" type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		

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



# Chain of Custody Record

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

COC Serial No. **B** 09946

1010 0660

Project Name: Anema Campaign Project Mgr.: P. Sazama  
 Project Number: 04-0908-0120 Cost Code: J002  
 Sampler(s): J. Crompton

Laboratory Name: TEKlab Location: Collinsville

Sample Number and (depth)	Date	Time	Matrix				Total Number of Containers
			Soil	Water	Air	Wipes	
P6-B4.5-E(25)	10/15/10	0750	X				6
P6-BC5.5-W(20)	"	0805	X				6

### Analyses by Method Name and Number

Method Name and Number	Analysis
VOCs 8260	X
SVOCs 8270	X
SVOCs 8270 SMS	X
PCMA Metals	X
Total + Amenable Cyanide	X
TPH 04-1	X

Comments (Field PID):  
 RUSH X  
 STD  
 -001

Sample on another COC. DB 10/15/10

Laboratory Temperature upon Receipt: 5.4

Lab ID #'s: 10100660

# 1 DAY

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

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

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

**Shipping:**

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

**Relinquished by:** Signature [Signature] Date 10/15 Time 1:32

**Received by:** Signature [Signature] Date 10-15-10 Time 1332

October 26, 2010

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



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

**WorkOrder:** 10100661

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 10/15/2010 1:32:00 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:** A831-735002-012901-225Ameren Champaign 62409080120

**Lab Order:** 10100661

**Report Date:** 26-Oct-10

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
10100661-001	P6-BC5.5-W (20)	5	10/15/2010 8:05:00 AM

---

ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10100661

**Report Date:** 26-Oct-10

**Cooler Receipt Temp:** 5.4 °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

**WorkOrder:** 10100661

**Lab ID:** 10100661-001

**Report Date:** 26-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch

**Client Sample ID:** P6-BC5.5-W (20)

**Collection Date:** 10/15/2010 8:05:00 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		11.7	%	1	10/15/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.3	%	1	10/15/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		7.42	mg/Kg-dry	1	10/18/2010 4:46:44 PM	JMW
Barium	NELAP	0.47		25.8	mg/Kg-dry	1	10/19/2010 11:38:26 PM	JMW
Cadmium	NELAP	0.19		1.01	mg/Kg-dry	1	10/20/2010 1:19:55 PM	LAL
Chromium	NELAP	0.94		12.9	mg/Kg-dry	1	10/18/2010 4:46:44 PM	JMW
Lead	NELAP	3.77		12.1	mg/Kg-dry	1	10/19/2010 11:38:26 PM	JMW
Selenium	NELAP	3.77	J	2.8	mg/Kg-dry	1	10/18/2010 4:46:44 PM	JMW
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	10/18/2010 4:46:44 PM	JMW
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.019	S	0.470	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Acenaphthylene	NELAP	0.019	S	1.32	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Anthracene	NELAP	0.019	SR	0.780	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Benzo(a)anthracene	NELAP	0.019	SR	0.560	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Benzo(a)pyrene	NELAP	0.019	S	0.554	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.019	S	0.457	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.019	S	0.249	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.019		0.134	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.375		ND	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Chrysene	NELAP	0.019	S	0.535	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.019		0.057	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Fluoranthene	NELAP	0.019	S	1.28	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Fluorene	NELAP	0.019	S	0.819	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.019		0.175	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Naphthalene	NELAP	0.019	SR	5.36	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Phenanthrene	NELAP	0.019	SR	3.10	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Pyrene	NELAP	0.019	S	1.75	mg/Kg-dry	5	10/21/2010 6:17:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		93.9	%REC	5	10/21/2010 6:17:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		78.9	%REC	5	10/21/2010 6:17:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		99.6	%REC	5	10/21/2010 6:17:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100661  
**Lab ID:** 10100661-001  
**Report Date:** 26-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (20)  
**Collection Date:** 10/15/2010 8:05:00 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>								
2,4,6-Trichlorophenol	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.564	S	ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.13		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
2-Chloronaphthalene	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
2-Chlorophenol	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
2-Methoxy-4-methylphenol		0.733		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
2-Methylnaphthalene	NELAP	0.395	J	0.30	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
2-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
2-Nitrophenol	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
3-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.13		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
4-Chloroaniline	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
4-Nitroaniline	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
4-Nitrophenol	NELAP	0.395	S	ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Aniline	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Azobenzene		0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Benzidine	NELAP	1.19		see note	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Benzoic acid	NELAP	1.69		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Benzyl alcohol	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Carbazole		0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Dibenzofuran	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Diethyl phthalate	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Dimethyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Hexachlorobenzene	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Hexachlorobutadiene	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100661  
**Lab ID:** 10100661-001  
**Report Date:** 26-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (20)  
**Collection Date:** 10/15/2010 8:05:00 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>								
Hexachlorocyclopentadiene	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Hexachloroethane	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Isophorone	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
m,p-Cresol	NELAP	0.564	S	ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Nitrobenzene	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
o-Cresol	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Pentachlorophenol	NELAP	2.25		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Phenol	NELAP	0.395		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Pyridine	NELAP	0.564		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
1,2-Diphenylhydrazine		0.947		ND	mg/Kg-dry	1	10/20/2010 12:45:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		80.2	%REC	1	10/20/2010 12:45:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		70.4	%REC	1	10/20/2010 12:45:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		71.7	%REC	1	10/20/2010 12:45:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		76.0	%REC	1	10/20/2010 12:45:00 PM	DMH
Surr: Phenol-d5		34.9-110		78.7	%REC	1	10/20/2010 12:45:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		89.8	%REC	1	10/20/2010 12:45:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,1,1-Trichloroethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,1,2-Trichloroethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,1-Dichloro-2-propanone		91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,1-Dichloroethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,1-Dichloroethene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,1-Dichloropropene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,2,3-Trichloropropane	NELAP	182		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,2,3-Trimethylbenzene		91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,2-Dibromoethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,2-Dichlorobenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,2-Dichloroethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100661

**Client Sample ID:** P6-BC5.5-W (20)

**Lab ID:** 10100661-001

**Collection Date:** 10/15/2010 8:05:00 AM

**Report Date:** 26-Oct-10

**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-Dichloropropane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,3-Dichlorobenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,3-Dichloropropane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1,4-Dichlorobenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
1-Chlorobutane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
2,2-Dichloropropane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
2-Butanone	NELAP	912		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
2-Chlorotoluene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
2-Hexanone	NELAP	912		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
2-Nitropropane	NELAP	912		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
4-Chlorotoluene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
4-Methyl-2-pentanone	NELAP	912		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Acetone	NELAP	912		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Acrolein	NELAP	1820		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Acrylonitrile	NELAP	182		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Allyl chloride	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Benzene	NELAP	18.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Bromobenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Bromochloromethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Bromodichloromethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Bromoform	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Bromomethane	NELAP	182		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Carbon disulfide	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Carbon tetrachloride	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Chlorobenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Chloroethane	NELAP	182		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Chloroform	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Chloromethane	NELAP	182		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	72.9		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Cyclohexanone		1820		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Dibromochloromethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Dibromomethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Dichlorodifluoromethane	NELAP	182		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Ethyl acetate	NELAP	912	J	340	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Ethyl ether	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Ethyl methacrylate	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100661  
**Lab ID:** 10100661-001  
**Report Date:** 26-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (20)  
**Collection Date:** 10/15/2010 8:05:00 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>								
Ethylbenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Heptane		365		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Hexachlorobutadiene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Hexachloroethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Iodomethane	NELAP	182		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Isopropylbenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
m,p-Xylenes	NELAP	91.2	J	20	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Methacrylonitrile	NELAP	912		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Methyl Methacrylate	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Methyl tert-butyl ether	NELAP	36.5		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Methylacrylate		182		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Methylene chloride	NELAP	91.2	J	23	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Naphthalene	NELAP	182		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
n-Butylbenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
n-Hexane		365		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Nitrobenzene	NELAP	1820		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
n-Propylbenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
o-Xylene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Pentachloroethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
p-Isopropyltoluene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Propionitrile	NELAP	912		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
sec-Butylbenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Styrene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
tert-Butylbenzene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Tetrachloroethene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Tetrahydrofuran	NELAP	912		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Toluene	NELAP	91.2	J	37	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	72.9		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Trichloroethene	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Trichlorofluoromethane	NELAP	91.2		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Vinyl acetate	NELAP	912		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Vinyl chloride	NELAP	36.5		ND	µg/Kg-dry	12.5	10/20/2010 1:08:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		97.7	%REC	12.5	10/20/2010 1:08:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		96.9	%REC	12.5	10/20/2010 1:08:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		94.1	%REC	12.5	10/20/2010 1:08:00 PM	RWE
Surr: Toluene-d8		86-116		107.1	%REC	12.5	10/20/2010 1:08:00 PM	RWE

**SW-846 7471A**

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100661  
**Lab ID:** 10100661-001  
**Report Date:** 26-Oct-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-BC5.5-W (20)  
**Collection Date:** 10/15/2010 8:05:00 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>0.013</b>	mg/Kg-dry	1	10/18/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.566		<b>&lt; 0.566</b>	mg/Kg-dry	1	10/22/2010 11:33:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.55	S	<b>&lt; 0.55</b>	mg/Kg-dry	1	10/22/2010 11:33:00 AM	KNS

### Sample Narrative

SW-846 9012A (Total)

Matrix interference present in sample.

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

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

LCS and MS recoveries were outside upper QC limits. Sample was ND.

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 matrix interference.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100661

**Report Date:** 26-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100661-001A	P6-BC5.5-W (20)	10/15/2010	Solid	SW-846 3050B, 6010B, Metals by ICP	10/18/2010 9:37:35 AM	10/18/2010 4:46:44 PM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 9:37:35 AM	10/19/2010 11:38:26 PM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 9:37:35 AM	10/20/2010 12:18:51 PM
				SW-846 3050B, 6010B, Metals by ICP	10/18/2010 9:37:35 AM	10/20/2010 1:19:55 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/19/2010 4:14:10 PM	10/21/2010 6:17:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 10:22:33 AM	10/20/2010 12:45:00 PM
				SW-846 7471A	10/18/2010 10:02:50 AM	10/18/2010
10100661-001B				EPA SW846 3550C, 5035A, ASTM D2974		10/15/2010 3:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/15/2010 3:00:00 PM
				SW-846 9012A		10/21/2010 9:42:00 AM
				SW-846 9012A		10/22/2010 11:33:00 AM
				SW-846 9012A (Total)		10/21/2010 9:42:00 AM
				SW-846 9012A (Total)		10/22/2010 11:33:00 AM
10100661-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/18/2010 2:34:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/19/2010 11:51:00 AM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/20/2010 1:08:00 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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MB-R141599</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>	Analysis Date: <b>10/21/2010</b>				SeqNo: <b>2768019</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-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>	Analysis Date: <b>10/21/2010</b>				SeqNo: <b>2768020</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.03	0.01	0.02500	0	106.6	85	115				
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Sample ID: <b>MB-R141599</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>	Analysis Date: <b>10/21/2010</b>				SeqNo: <b>2768021</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-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>	Analysis Date: <b>10/21/2010</b>				SeqNo: <b>2768022</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.03	0.01	0.02500	0	103.5	85	115				
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Sample ID: <b>LCS-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>	Analysis Date: <b>10/21/2010</b>				SeqNo: <b>2768023</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.03	0.01	0.02500	0	101.5	85	115				
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Sample ID: <b>LCS-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>	Analysis Date: <b>10/21/2010</b>				SeqNo: <b>2768024</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>					Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768024</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.03	0.01	0.02500	0	102.4	85	115				
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Sample ID: <b>10100661-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>141655</b>				
Client ID: <b>P6-BC5.5-W (20)MS</b>	Batch ID: <b>R141655</b>					Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2769678</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	1.75	0.55	1.387	0	126.1	75	125				S
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Sample ID: <b>10100661-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>141655</b>				
Client ID: <b>P6-BC5.5-W (20)MS</b>	Batch ID: <b>R141655</b>					Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2769679</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	1.70	0.58	1.401	0	121.2	75	125	1.750	2.99	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: I\_TS\_M\_MT

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-R141400</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>141400</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141400</b>		Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762570</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>141400</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141400</b>		Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762571</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	101.0	90	110				

Sample ID: <b>10100661-001BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>141400</b>							
Client ID: <b>P6-BC5.5-W (20)DU</b>	Batch ID: <b>R141400</b>		Analysis Date: <b>10/15/2010</b>	SeqNo: <b>2762645</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	88.7	0.1						88.33	0.407	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_HG\_SOLID

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MB-63772</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141421</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63772</b>	<b>SOP 3063</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763096</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-63772</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141421</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63772</b>	<b>SOP 3063</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763097</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	106.4	85	115				

Sample ID: <b>10100661-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141421</b>							
Client ID: <b>P6-BC5.5-W (20)MS</b>	Batch ID: <b>63772</b>	<b>SOP 3063</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763102</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.321	0.011	0.2830	0.01302	108.8	75	125				

Sample ID: <b>10100661-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141421</b>							
Client ID: <b>P6-BC5.5-W (20)MS</b>	Batch ID: <b>63772</b>	<b>SOP 3063</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763103</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.327	0.011	0.2830	0.01302	111.0	75	125	0.3210	1.92	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MB-63771</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141429</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763404</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	0.5500	0	0	-100	100				

Sample ID: <b>LCS-63771</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141429</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763405</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	197	2.50	200.0	0	98.4	85	115				
Barium	192	0.50	200.0	0	96.2	85	115				
Cadmium	4.85	0.20	5.000	0	97.0	85	115				
Chromium	20.3	1.00	20.00	0	101.7	85	115				
Lead	51.1	4.00	50.00	0	102.2	85	115				
Selenium	193	4.00	200.0	0	96.6	85	115				
Silver	5.07	0.55	5.000	0	101.4	85	115				

Sample ID: <b>10100661-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141429</b>				
Client ID: <b>P6-BC5.5-W (20)MS</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763757</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	177	2.36	188.7	7.425	89.6	75	125				
Chromium	31.9	0.94	18.87	12.88	100.7	75	125				
Selenium	171	3.77	188.7	2.830	88.9	75	125				
Silver	5.29	0.52	4.717	0	112.2	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>10100661-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141429</b>							
Client ID: <b>P6-BC5.5-W (20)MS</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2763758</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	168	2.36	188.7	7.425	85.3	75	125	176.5	4.70	20	
Chromium	29.6	0.94	18.87	12.88	88.7	75	125	31.87	7.37	20	
Selenium	164	3.77	188.7	2.830	85.5	75	125	170.6	3.89	20	
Silver	4.58	0.52	4.717	0	97.2	75	125	5.292	14.3	20	

Sample ID: <b>10100661-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141508</b>							
Client ID: <b>P6-BC5.5-W (20)MS</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2765608</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	179	0.47	188.7	25.75	81.2	75	125				
Lead	55.6	3.77	47.17	12.06	92.4	75	125				

Sample ID: <b>10100661-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141508</b>							
Client ID: <b>P6-BC5.5-W (20)MS</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2765609</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	171	0.47	188.7	25.75	76.9	75	125	179.1	4.69	20	
Lead	48.2	3.77	47.17	12.06	76.7	75	125	55.62	14.3	20	

Sample ID: <b>MB-63771</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141525</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2766298</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				

Sample ID: <b>10100661-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141525</b>							
Client ID: <b>P6-BC5.5-W (20)MS</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2766401</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	4.74	0.19	4.717	1.009	79.0	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>10100661-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141525</b>							
Client ID: <b>P6-BC5.5-W (20)MS</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2766402</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	4.65	0.19	4.717	1.009	77.2	75	125	4.736	1.81	20	

Sample ID: <b>LCS-63771</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141525</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63771</b>	<b>SOP 3032</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2766403</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	4.89	0.20	5.000	0	97.8	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MB-63821</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141541</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63821</b>	<b>SW3550B</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2766471</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	0.034									
Acenaphthylene	ND	0.034									
Aniline	ND	0.500									
Anthracene	ND	0.034									
Azobenzene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MB-63821</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141541</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63821</b>	<b>SW3550B</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2766471</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	0.034									
Benzo(a)pyrene	ND	0.034									
Benzo(b)fluoranthene	ND	0.034									
Benzo(g,h,i)perylene	ND	0.034									
Benzo(k)fluoranthene	ND	0.034									
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	0.034									
Dibenzo(a,h)anthracene	ND	0.034									
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	0.034									
Fluorene	ND	0.034									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.034									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.034									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MB-63821</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141541</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63821</b>	<b>SW3550B</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2766471</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	0.034									
Phenol	ND	0.350									
Pyrene	ND	0.034									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.59		1.670		95.2	52.1	113				
Surr: 2-Fluorobiphenyl	0.682		0.8350		81.7	46.3	106				
Surr: 2-Fluorophenol	1.34		1.670		80.3	50.6	89				
Surr: Nitrobenzene-d5	0.710		0.8350		85.0	42.4	99.2				
Surr: Phenol-d5	1.45		1.670		86.6	55.9	98.5				
Surr: p-Terphenyl-d14	0.887		0.8350		106.2	45.5	115				

Sample ID: <b>LCS-63821</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141541</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63821</b>	<b>SW3550B</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2766472</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.36	0.500	1.670	0	81.6	43.9	92.2				
1,4-Dichlorobenzene	1.25	0.500	1.670	0	75.0	43.8	84.1				
2,4,5-Trichlorophenol	3.28	0.350	3.330	0	98.6	38.6	123				
2,4,6-Trichlorophenol	3.18	0.350	3.330	0	95.5	35.9	123				
2,4-Dimethylphenol	2.92	0.500	3.330	0	87.6	38.3	88				
2,4-Dinitrophenol	3.01	1.00	3.330	0	90.5	1.88	162				
2,4-Dinitrotoluene	1.60	0.350	1.670	0	95.6	48.6	102				
2-Chlorophenol	3.13	0.500	3.330	0	94.1	46.6	84				S
4-Chloro-3-methylphenol	3.02	0.500	3.330	0	90.6	51.5	94.9				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-63821</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>10/19/2010</b>	RunNo: <b>141541</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63821</b>	<b>SW3550B</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2766472</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	3.85	0.350	3.330	0	115.8	53.2	104				S
Acenaphthene	1.55	0.034	1.670	0	92.7	50.8	113				
Acenaphthylene	1.67	0.034	1.670	0	99.8	52.8	121				
Anthracene	1.54	0.034	1.670	0	92.5	53.3	115				
Benzo(a)anthracene	1.42	0.034	1.670	0	85.3	62.3	110				
Benzo(a)pyrene	1.45	0.034	1.670	0	86.5	58.2	109				
Benzo(b)fluoranthene	1.52	0.034	1.670	0	90.9	51.8	107				
Benzo(g,h,i)perylene	1.67	0.034	1.670	0	99.8	49.6	121				
Benzo(k)fluoranthene	1.75	0.034	1.670	0	104.9	63.1	129				
Bis(2-ethylhexyl)phthalate	1.79	0.350	1.670	0	107.1	56.3	109				
Chrysene	1.60	0.034	1.670	0	95.8	58.4	115				
Dibenzo(a,h)anthracene	1.65	0.034	1.670	0	99.0	54.9	120				
Diethyl phthalate	3.37	0.500	3.330	0	101.3	51.7	106				
Dimethyl phthalate	3.15	0.350	3.330	0	94.5	58.8	104				
Di-n-butyl phthalate	1.70	0.350	1.670	0	102.0	54.3	105				
Fluoranthene	1.63	0.034	1.670	0	97.5	61.6	113				
Fluorene	1.55	0.034	1.670	0	92.9	52.2	116				
Hexachlorobenzene	3.44	0.350	3.330	0	103.3	55.9	106				
Hexachlorobutadiene	2.72	0.500	3.330	0	81.7	35.7	100				
Hexachloroethane	2.71	0.500	3.330	0	81.5	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.69	0.034	1.670	0	101.3	52.7	115				
m,p-Cresol	1.48	0.500	1.670	0	88.4	37.6	93.7				
Naphthalene	1.38	0.034	1.670	0	82.6	45.7	101				
Nitrobenzene	2.77	0.500	3.330	0	83.0	51.8	104				
N-Nitroso-di-n-propylamine	1.45	0.500	1.670	0	86.6	49.1	94.5				
o-Cresol	1.46	0.500	1.670	0	87.5	43	101				
Pentachlorophenol	3.15	2.00	3.330	0	94.6	42.2	102				
Phenanthrene	1.66	0.034	1.670	0	99.5	52.9	113				
Phenol	2.97	0.350	3.330	0	89.1	41.6	81.3				S
Pyrene	1.63	0.034	1.670	0	97.6	60.7	115				
Pyridine	1.64	0.500	3.330	0	49.3	3.61	74.3				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-63821</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/19/2010</b>		RunNo: <b>141541</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63821</b>		<b>SW3550B</b>		Analysis Date: <b>10/20/2010</b>		SeqNo: <b>2766472</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1.56		1.670		93.5	52.1	113				
Surr: 2-Fluorobiphenyl	0.648		0.8350		77.6	46.3	106				
Surr: 2-Fluorophenol	1.33		1.670		79.7	50.6	89				
Surr: Nitrobenzene-d5	0.694		0.8350		83.2	42.4	99.2				
Surr: Phenol-d5	1.42		1.670		84.8	55.9	98.5				
Surr: p-Terphenyl-d14	0.807		0.8350		96.7	45.5	115				

Sample ID: <b>10100661-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/20/2010</b>		RunNo: <b>141541</b>			
Client ID: <b>P6-BC5.5-W (20)MS</b>		Batch ID: <b>63821</b>		<b>SW3550B</b>		Analysis Date: <b>10/20/2010</b>		SeqNo: <b>2766474</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.62	0.562	1.877	0	86.4	35.9	102				
1,4-Dichlorobenzene	1.61	0.562	1.877	0	85.6	29.8	95.5				
2,4,5-Trichlorophenol	3.66	0.393	3.743	0	97.8	38.6	123				
2,4,6-Trichlorophenol	3.78	0.393	3.743	0	100.9	35.9	123				
2,4-Dimethylphenol	3.50	0.562	3.743	0	93.6	38.3	88				S
2,4-Dinitrophenol	2.45	1.12	3.743	0	65.5	1.88	162				
2,4-Dinitrotoluene	1.82	0.393	1.877	0	96.8	37.5	107				
2-Chlorophenol	3.68	0.562	3.743	0	98.3	22.6	108				
4-Chloro-3-methylphenol	3.76	0.562	3.743	0	100.4	19.3	131				
4-Nitrophenol	4.68	0.393	3.743	0	124.9	27.6	123				S
Diethyl phthalate	3.77	0.562	3.743	0	100.7	51.7	106				
Dimethyl phthalate	3.49	0.393	3.743	0	93.2	58.8	104				
Di-n-butyl phthalate	1.86	0.393	1.877	0	99.3	54.3	105				
Hexachlorobenzene	3.88	0.393	3.743	0	103.8	55.9	106				
Hexachlorobutadiene	3.14	0.562	3.743	0	84.0	35.7	100				
Hexachloroethane	3.13	0.562	3.743	0	83.7	38.9	89.9				
m,p-Cresol	1.82	0.562	1.877	0	96.7	37.6	93.7				S
Nitrobenzene	3.11	0.562	3.743	0	83.0	51.8	104				
N-Nitroso-di-n-propylamine	1.66	0.562	1.877	0	88.4	45.5	99.1				
o-Cresol	1.75	0.562	1.877	0	93.0	43	101				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>10100661-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/20/2010</b>		RunNo: <b>141541</b>			
Client ID: <b>P6-BC5.5-W (20)MS</b>		Batch ID: <b>63821</b>		<b>SW3550B</b>		Analysis Date: <b>10/20/2010</b>		SeqNo: <b>2766474</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	3.45	2.25	3.743	0	92.2	18.5	113				
Phenol	3.56	0.393	3.743	0	95.0	20.8	110				
Pyridine	2.26	0.562	3.743	0	60.5	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.76		1.877		93.7	32.7	130				
Surr: 2-Fluorobiphenyl	0.737		0.9384		78.6	34.1	116				
Surr: 2-Fluorophenol	1.50		1.877		80.1	30.5	99				
Surr: Nitrobenzene-d5	0.727		0.9384		77.5	34.1	101				
Surr: Phenol-d5	1.64		1.877		87.1	34.9	110				
Surr: p-Terphenyl-d14	0.956		0.9384		101.9	41.7	124				

Sample ID: <b>10100661-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/20/2010</b>		RunNo: <b>141541</b>			
Client ID: <b>P6-BC5.5-W (20)MS</b>		Batch ID: <b>63821</b>		<b>SW3550B</b>		Analysis Date: <b>10/20/2010</b>		SeqNo: <b>2766487</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.57	0.561	1.873	0	83.6	35.9	102	1.622	3.49	40	
1,4-Dichlorobenzene	1.44	0.561	1.873	0	76.7	29.8	95.5	1.607	11.2	40	
2,4,5-Trichlorophenol	3.42	0.392	3.734	0	91.7	38.6	123	3.661	6.68	40	
2,4,6-Trichlorophenol	3.48	0.392	3.734	0	93.2	35.9	123	3.776	8.15	40	
2,4-Dimethylphenol	3.23	0.561	3.734	0	86.5	38.3	88	3.504	8.16	40	
2,4-Dinitrophenol	2.31	1.12	3.734	0	62.0	1.88	162	2.452	5.84	40	
2,4-Dinitrotoluene	1.85	0.392	1.873	0	98.7	37.5	107	1.816	1.70	40	
2-Chlorophenol	3.03	0.561	3.734	0	81.1	22.6	108	3.679	19.4	40	
4-Chloro-3-methylphenol	3.50	0.561	3.734	0	93.7	19.3	131	3.756	7.15	40	
4-Nitrophenol	4.31	0.392	3.734	0	115.5	27.6	123	4.676	8.08	40	
Diethyl phthalate	3.77	0.561	3.734	0	100.9	51.7	106	3.768	0.00595	40	
Dimethyl phthalate	3.72	0.392	3.734	0	99.7	58.8	104	3.488	6.46	40	
Di-n-butyl phthalate	1.78	0.392	1.873	0	94.8	54.3	105	1.864	4.86	40	
Hexachlorobenzene	3.74	0.392	3.734	0	100.1	55.9	106	3.884	3.86	40	
Hexachlorobutadiene	2.97	0.561	3.734	0	79.6	35.7	100	3.143	5.59	40	
Hexachloroethane	2.73	0.561	3.734	0	73.2	38.9	89.9	3.134	13.6	40	
m,p-Cresol	1.47	0.561	1.873	0	78.3	37.6	93.7	1.815	21.3	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrobenzene	3.34	0.561	3.734	0	89.5	51.8	104	3.107	7.27	40	
N-Nitroso-di-n-propylamine	1.62	0.561	1.873	0	86.8	45.5	99.1	1.659	2.08	40	
o-Cresol	1.43	0.561	1.873	0	76.6	43	101	1.745	19.6	40	
Pentachlorophenol	2.95	2.24	3.734	0	79.0	18.5	113	3.451	15.6	40	
Phenol	2.96	0.392	3.734	0	79.4	20.8	110	3.556	18.1	40	
Pyridine	1.99	0.561	3.734	0	53.4	3.61	74.3	2.264	12.7	40	
Surr: 2,4,6-Tribromophenol	1.61		1.873		85.7	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	0.635		0.9363		67.8	34.1	116		0	40	
Surr: 2-Fluorophenol	1.24		1.873		66.3	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.706		0.9363		75.4	34.1	101		0	40	
Surr: Phenol-d5	1.37		1.873		73.3	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.754		0.9363		80.6	41.7	124		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MB-63817</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141580</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63817</b>	<b>SW3550B</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767611</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									
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	0.124		0.1670		74.3	17.5	123				
Surr: 2-Fluorophenol	0.200		0.3330		60.0	23	117				
Surr: Nitrobenzene-d5	0.121		0.1670		72.2	35	105				
Surr: Phenol-d5	0.211		0.3330		63.3	33.2	125				
Surr: p-Terphenyl-d14	0.149		0.1670		89.1	53.6	122				

Sample ID: <b>LCS-63817</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141580</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63817</b>	<b>SW3550B</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767612</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.122	0.003	0.1670	0	72.9	56.3	115				
Acenaphthylene	0.117	0.003	0.1670	0	70.0	60.3	143				
Anthracene	0.112	0.003	0.1670	0	67.2	52.1	109				
Benzo(a)anthracene	0.118	0.003	0.1670	0	70.5	52.8	112				
Benzo(a)pyrene	0.118	0.003	0.1670	0	70.9	40.8	127				

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-63817</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/19/2010</b>			RunNo: <b>141580</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63817</b>		<b>SW3550B</b>		Analysis Date: <b>10/20/2010</b>			SeqNo: <b>2767612</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	0.140	0.003	0.1670	0	84.1	50.1	150				
Benzo(g,h,i)perylene	0.136	0.003	0.1670	0	81.3	52.8	145				
Benzo(k)fluoranthene	0.129	0.003	0.1670	0	77.3	52	153				
Chrysene	0.128	0.003	0.1670	0	76.9	60.8	128				
Dibenzo(a,h)anthracene	0.135	0.003	0.1670	0	80.7	54.9	150				
Fluoranthene	0.125	0.003	0.1670	0	74.9	58.7	125				
Fluorene	0.123	0.003	0.1670	0	73.7	57.8	125				
Indeno(1,2,3-cd)pyrene	0.136	0.003	0.1670	0	81.6	52	147				
Naphthalene	0.118	0.003	0.1670	0	70.7	54.8	113				
Phenanthrene	0.126	0.003	0.1670	0	75.7	60.4	121				
Pyrene	0.126	0.003	0.1670	0	75.2	57.9	129				
Surr: 2-Fluorobiphenyl	0.113		0.1670		67.8	35.3	113				
Surr: 2-Fluorophenol	0.181		0.3330		54.5	13.6	123				
Surr: Nitrobenzene-d5	0.107		0.1670		64.4	33.9	108				
Surr: Phenol-d5	0.205		0.3330		61.6	33.7	129				
Surr: p-Terphenyl-d14	0.138		0.1670		82.6	58.4	122				

Sample ID: <b>10100661-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/19/2010</b>			RunNo: <b>141616</b>		
Client ID: <b>P6-BC5.5-W (20)MS</b>		Batch ID: <b>63817</b>		<b>SW3550B</b>		Analysis Date: <b>10/21/2010</b>			SeqNo: <b>2768898</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.302	0.019	0.1871	0.4699	-89.5	36	135				S
Acenaphthylene	0.514	0.019	0.1871	1.318	-429.9	17.2	167				S
Anthracene	0.229	0.019	0.1871	0.7805	-294.6	39.3	124				S
Benzo(a)anthracene	0.328	0.019	0.1871	0.5597	-124.1	10	183				S
Benzo(a)pyrene	0.345	0.019	0.1871	0.5538	-111.4	10	204				S
Benzo(b)fluoranthene	0.333	0.019	0.1871	0.4572	-66.3	10.6	178				S
Benzo(g,h,i)perylene	0.229	0.019	0.1871	0.2489	-10.9	10	168				S
Benzo(k)fluoranthene	0.231	0.019	0.1871	0.1341	51.6	27.6	181				S
Bis(2-ethylhexyl)phthalate	0.19	0.375	0.1871	0	100.6	50	150				J
Chrysene	0.335	0.019	0.1871	0.5353	-107.2	10	176				S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: 10100661-001AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 10/19/2010		RunNo: 141616			
Client ID: P6-BC5.5-W (20)MS		Batch ID: 63817		SW3550B		Analysis Date: 10/21/2010		SeqNo: 2768898			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibenzo(a,h)anthracene	0.161	0.019	0.1871	0.05705	55.4	12.2	156				
Fluoranthene	0.596	0.019	0.1871	1.275	-363.0	10	227				S
Fluorene	0.340	0.019	0.1871	0.8187	-256.1	35.2	148				S
Indeno(1,2,3-cd)pyrene	0.212	0.019	0.1871	0.1749	20.0	10	164				
Naphthalene	0.466	0.019	0.1871	5.359	-2615	14.7	128				S
Phenanthrene	0.785	0.019	0.1871	3.098	-1236	32.8	143				S
Pyrene	0.772	0.019	0.1871	1.745	-520.0	10	180				S
Surr: 2-Fluorobiphenyl	0.116		0.1871		62.0	10	131				
Surr: Nitrobenzene-d5	0.113		0.1871		60.2	10	132				
Surr: p-Terphenyl-d14	0.174		0.1871		93.0	30.6	131				

Sample ID: 10100661-001AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 10/19/2010		RunNo: 141616			
Client ID: P6-BC5.5-W (20)MS		Batch ID: 63817		SW3550B		Analysis Date: 10/21/2010		SeqNo: 2768899			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.303	0.019	0.1874	0.4699	-88.9	36	135	0.3024	0.289	49.7	S
Acenaphthylene	0.579	0.019	0.1874	1.318	-394.1	17.2	167	0.5136	12.0	33.3	S
Anthracene	0.417	0.019	0.1874	0.7805	-194.0	39.3	124	0.2292	58.1	51.1	SR
Benzo(a)anthracene	0.522	0.019	0.1874	0.5597	-20.1	10	183	0.3276	45.8	40.6	SR
Benzo(a)pyrene	0.530	0.019	0.1874	0.5538	-12.5	10	204	0.3453	42.3	56.4	S
Benzo(b)fluoranthene	0.511	0.019	0.1874	0.4572	28.8	10.6	178	0.3332	42.1	49.7	
Benzo(g,h,i)perylene	0.302	0.019	0.1874	0.2489	28.6	10	168	0.2286	27.8	36.5	
Benzo(k)fluoranthene	0.274	0.019	0.1874	0.1341	74.9	27.6	181	0.2306	17.3	42.6	
Bis(2-ethylhexyl)phthalate	0.18	0.376	0.1874	0	94.6	50	150	0.1883	0	60.3	J
Chrysene	0.524	0.019	0.1874	0.5353	-6.2	10	176	0.3347	44.0	45.1	S
Dibenzo(a,h)anthracene	0.169	0.019	0.1874	0.05705	60.0	12.2	156	0.1608	5.26	39.9	
Fluoranthene	1.08	0.019	0.1874	1.275	-103.4	10	227	0.5959	57.9	66.2	S
Fluorene	0.448	0.019	0.1874	0.8187	-197.8	35.2	148	0.3395	27.6	65.6	S
Indeno(1,2,3-cd)pyrene	0.280	0.019	0.1874	0.1749	55.9	10	164	0.2123	27.4	36.5	
Naphthalene	1.58	0.019	0.1874	5.359	-2019	14.7	128	0.4656	109	39.6	SR
Phenanthrene	1.49	0.019	0.1874	3.098	-858.4	32.8	143	0.7855	61.9	35.4	SR

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>10100661-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141616</b>							
Client ID: <b>P6-BC5.5-W (20)MS</b>	Batch ID: <b>63817</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768899</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	1.21	0.019	0.1874	1.745	-287.4	10	180	0.7721	43.9	60.1	S
Surr: 2-Fluorobiphenyl	0.119		0.1874		63.5	10	131		0	40	
Surr: Nitrobenzene-d5	0.089		0.1874		47.4	10	132		0	40	
Surr: p-Terphenyl-d14	0.150		0.1874		79.9	30.6	131		0	40	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-G101018-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764313</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	49.1	5.0	50.00	0	98.2	0	200					
1,1,1-Trichloroethane	52.0	5.0	50.00	0	104.0	85.6	124					
1,1,2,2-Tetrachloroethane	49.4	5.0	50.00	0	98.9	0	200					
1,1,2-Trichloro-1,2,2-trifluoroethane	53.0	5.0	50.00	0	106.0	0	200					
1,1,2-Trichloroethane	49.0	5.0	50.00	0	97.9	0	200					
1,1-Dichloro-2-propanone	126	50.0	125.0	0	101.0	0	200					
1,1-Dichloroethane	50.3	5.0	50.00	0	100.7	0	200					
1,1-Dichloroethene	48.8	5.0	50.00	0	97.6	60.1	131					
1,1-Dichloropropene	51.1	5.0	50.00	0	102.3	0	200					
1,2,3-Trichlorobenzene	55.1	5.0	50.00	0	110.1	0	200					
1,2,3-Trichloropropane	51.0	10	50.00	0	102.0	0	200					
1,2,3-Trimethylbenzene	47.8	5.0	50.00	0	95.7	0	200					
1,2,4-Trichlorobenzene	56.2	5.0	50.00	0	112.4	0	200					
1,2,4-Trimethylbenzene	49.7	5.0	50.00	0	99.4	0	200					
1,2-Dibromo-3-chloropropane	51.3	5.0	50.00	0	102.6	0	200					
1,2-Dibromoethane	50.4	5.0	50.00	0	100.9	86.9	119					
1,2-Dichlorobenzene	49.3	5.0	50.00	0	98.6	88	119					
1,2-Dichloroethane	52.0	5.0	50.00	0	104.0	73	117					
1,2-Dichloropropane	49.0	5.0	50.00	0	98.1	0	200					
1,3,5-Trimethylbenzene	49.2	5.0	50.00	0	98.4	0	200					
1,3-Dichlorobenzene	49.6	5.0	50.00	0	99.3	85.8	125					
1,3-Dichloropropane	48.6	5.0	50.00	0	97.3	0	200					
1,4-Dichlorobenzene	50.0	5.0	50.00	0	100.1	84.5	124					
1-Chlorobutane	47.0	5.0	50.00	0	94.0	0	200					
2,2-Dichloropropane	50.1	5.0	50.00	0	100.2	0	200					
2-Butanone	163	50.0	125.0	0	130.0	45.3	136					
2-Chlorotoluene	48.3	5.0	50.00	0	96.6	0	200					
2-Hexanone	143	50.0	125.0	0	114.1	0	200					
2-Nitropropane	53.8	50.0	50.00	0	107.6	0	200					
4-Chlorotoluene	49.3	5.0	50.00	0	98.6	0	200					
4-Methyl-2-pentanone	132	50.0	125.0	0	105.8	0	200					

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-G101018-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>					Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764313</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	215	50.0	125.0	0	172.2	0	200				
Acrylonitrile	48.1	10	50.00	0	96.2	0	200				
Allyl chloride	52.0	5.0	50.00	0	103.9	0	200				
Benzene	49.7	1.0	50.00	0	99.3	73.9	109				
Bromobenzene	49.4	5.0	50.00	0	98.8	0	200				
Bromochloromethane	50.7	5.0	50.00	0	101.3	0	200				
Bromodichloromethane	51.5	5.0	50.00	0	102.9	91.3	126				
Bromoform	51.7	5.0	50.00	0	103.4	0	200				
Bromomethane	41.9	10	50.00	0	83.9	0	200				
Carbon disulfide	49.6	5.0	50.00	0	99.2	0	200				
Carbon tetrachloride	52.8	5.0	50.00	0	105.6	83.3	127				
Chlorobenzene	49.5	5.0	50.00	0	99.0	85.8	116				
Chloroethane	44.5	10	50.00	0	88.9	0	200				
Chloroform	51.8	5.0	50.00	0	103.7	80	113				
Chloromethane	34.8	10	50.00	0	69.7	0	200				
cis-1,2-Dichloroethene	50.6	5.0	50.00	0	101.2	0	200				
cis-1,3-Dichloropropene	51.1	4.0	50.00	0	102.1	0	200				
Cyclohexanone	306	100	250.0	0	122.2	0	200				
Dibromochloromethane	50.3	5.0	50.00	0	100.5	89.1	119				
Dibromomethane	50.9	5.0	50.00	0	101.7	0	200				
Dichlorodifluoromethane	27.9	10	50.00	0	55.8	0	200				
Ethyl acetate	52.1	50.0	50.00	0	104.3	0	200				
Ethyl ether	51.0	5.0	50.00	0	102.0	0	200				
Ethyl methacrylate	46.9	5.0	50.00	0	93.8	0	200				
Ethylbenzene	49.0	5.0	50.00	0	98.1	84.1	115				
Heptane	53.6	20.0	50.00	0	107.2	0	200				
Hexachlorobutadiene	54.4	5.0	50.00	0	108.7	0	200				
Hexachloroethane	47.4	5.0	50.00	0	94.8	0	200				
Iodomethane	57.4	10	50.00	0	114.8	0	200				
Isopropylbenzene	49.3	5.0	50.00	0	98.6	0	200				
m,p-Xylenes	98.0	5.0	100.0	0	98.0	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-G101018-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764313</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50.1	50.0	50.00	0	100.1	0	200				
Methyl Methacrylate	49.3	5.0	50.00	0	98.6	0	200				
Methyl tert-butyl ether	50.9	2.0	50.00	0	101.8	80	128				
Methylacrylate	52.4	10	50.00	0	104.7	0	200				
Methylene chloride	48.7	5.0	50.00	0	97.4	73.9	116				
Naphthalene	53.1	10	50.00	0	106.2	73.1	135				
n-Butylbenzene	52.0	5.0	50.00	0	103.9	0	200				
n-Hexane	51.5	20.0	50.00	0	103.1	0	200				
Nitrobenzene	60	100	50.00	0	120.4	0	200				J
n-Propylbenzene	49.0	5.0	50.00	0	98.0	0	200				
o-Xylene	47.1	5.0	50.00	0	94.1	82	117				
Pentachloroethane	51.4	5.0	50.00	0	102.7	0	200				
p-Isopropyltoluene	48.8	5.0	50.00	0	97.6	0	200				
Propionitrile	54.4	50.0	50.00	0	108.9	0	200				
sec-Butylbenzene	50.1	5.0	50.00	0	100.2	0	200				
Styrene	49.1	5.0	50.00	0	98.2	0	200				
tert-Butylbenzene	47.6	5.0	50.00	0	95.2	0	200				
Tetrachloroethene	49.9	5.0	50.00	0	99.7	74.6	115				
Tetrahydrofuran	50.8	50.0	50.00	0	101.7	0	200				
Toluene	48.0	5.0	50.00	0	96.1	79.1	112				
trans-1,2-Dichloroethene	51.7	5.0	50.00	0	103.3	0	200				
trans-1,3-Dichloropropene	48.7	4.0	50.00	0	97.4	0	200				
Trichloroethene	52.0	5.0	50.00	0	103.9	81	111				
Trichlorofluoromethane	46.4	5.0	50.00	0	92.8	0	200				
Vinyl acetate	51.2	50.0	50.00	0	102.4	0	200				
Vinyl chloride	43.3	2.0	50.00	0	86.7	0	200				
Surr: 1,2-Dichloroethane-d4	52.2		50.00		104.4	72.2	131				
Surr: 4-Bromofluorobenzene	51.1		50.00		102.2	82.1	116				
Surr: Dibromofluoromethane	53.3		50.00		106.5	77.7	120				
Surr: Toluene-d8	49.3		50.00		98.5	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCSD-G101018-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>					Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764314</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.8	5.0	50.00	0	101.5	0	200	49.11	3.32	20	
1,1,1-Trichloroethane	53.0	5.0	50.00	0	105.9	85.6	124	51.99	1.85	20	
1,1,2,2-Tetrachloroethane	50.1	5.0	50.00	0	100.2	0	200	49.45	1.27	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	54.6	5.0	50.00	0	109.3	0	200	53.02	3.01	20	
1,1,2-Trichloroethane	49.7	5.0	50.00	0	99.5	0	200	48.97	1.54	20	
1,1-Dichloro-2-propanone	122	50.0	125.0	0	97.9	0	200	126.3	3.16	20	
1,1-Dichloroethane	52.3	5.0	50.00	0	104.6	0	200	50.33	3.80	20	
1,1-Dichloroethene	49.5	5.0	50.00	0	99.0	60.1	131	48.79	1.42	20	
1,1-Dichloropropene	52.4	5.0	50.00	0	104.7	0	200	51.13	2.36	20	
1,2,3-Trichlorobenzene	56.3	5.0	50.00	0	112.5	0	200	55.06	2.17	20	
1,2,3-Trichloropropane	50.1	10	50.00	0	100.2	0	200	51.01	1.84	20	
1,2,3-Trimethylbenzene	49.1	5.0	50.00	0	98.2	0	200	47.85	2.56	20	
1,2,4-Trichlorobenzene	56.9	5.0	50.00	0	113.9	0	200	56.19	1.31	20	
1,2,4-Trimethylbenzene	51.1	5.0	50.00	0	102.2	0	200	49.71	2.74	20	
1,2-Dibromo-3-chloropropane	50.2	5.0	50.00	0	100.5	0	200	51.28	2.05	20	
1,2-Dibromoethane	51.4	5.0	50.00	0	102.9	86.9	119	50.43	1.98	20	
1,2-Dichlorobenzene	50.0	5.0	50.00	0	99.9	88	119	49.31	1.31	20	
1,2-Dichloroethane	53.4	5.0	50.00	0	106.8	73	117	52.02	2.60	20	
1,2-Dichloropropane	51.6	5.0	50.00	0	103.3	0	200	49.04	5.15	20	
1,3,5-Trimethylbenzene	50.2	5.0	50.00	0	100.5	0	200	49.20	2.11	20	
1,3-Dichlorobenzene	50.6	5.0	50.00	0	101.2	85.8	125	49.64	1.92	20	
1,3-Dichloropropane	49.8	5.0	50.00	0	99.6	0	200	48.63	2.38	20	
1,4-Dichlorobenzene	50.7	5.0	50.00	0	101.4	84.5	124	50.05	1.29	20	
1-Chlorobutane	48.8	5.0	50.00	0	97.6	0	200	47.02	3.76	20	
2,2-Dichloropropane	51.5	5.0	50.00	0	103.1	0	200	50.08	2.85	20	
2-Butanone	154	50.0	125.0	0	123.6	45.3	136	162.5	5.07	20	
2-Chlorotoluene	49.6	5.0	50.00	0	99.3	0	200	48.30	2.74	20	
2-Hexanone	136	50.0	125.0	0	108.6	0	200	142.7	4.93	20	
2-Nitropropane	51.8	50.0	50.00	0	103.5	0	200	53.78	3.85	20	
4-Chlorotoluene	50.3	5.0	50.00	0	100.6	0	200	49.28	2.07	20	
4-Methyl-2-pentanone	130	50.0	125.0	0	104.3	0	200	132.2	1.42	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-D-G101018-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764314</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	201	50.0	125.0	0	160.8	0	200	215.2	6.81	20	
Acrylonitrile	47.9	10	50.00	0	95.8	0	200	48.12	0.479	20	
Allyl chloride	52.1	5.0	50.00	0	104.1	0	200	51.96	0.211	20	
Benzene	51.0	1.0	50.00	0	101.9	73.9	109	49.66	2.58	20	
Bromobenzene	49.9	5.0	50.00	0	99.8	0	200	49.42	0.926	20	
Bromochloromethane	52.4	5.0	50.00	0	104.8	0	200	50.67	3.34	20	
Bromodichloromethane	52.9	5.0	50.00	0	105.9	91.3	126	51.46	2.84	20	
Bromoform	52.1	5.0	50.00	0	104.3	0	200	51.71	0.809	20	
Bromomethane	42.2	10	50.00	0	84.4	0	200	41.93	0.618	20	
Carbon disulfide	50.6	5.0	50.00	0	101.3	0	200	49.60	2.06	20	
Carbon tetrachloride	53.6	5.0	50.00	0	107.2	83.3	127	52.78	1.52	20	
Chlorobenzene	51.0	5.0	50.00	0	102.0	85.8	116	49.51	2.98	20	
Chloroethane	46.0	10	50.00	0	92.0	0	200	44.46	3.36	20	
Chloroform	53.4	5.0	50.00	0	106.8	80	113	51.84	2.95	20	
Chloromethane	35.1	10	50.00	0	70.2	0	200	34.84	0.772	20	
cis-1,2-Dichloroethene	52.3	5.0	50.00	0	104.6	0	200	50.58	3.38	20	
cis-1,3-Dichloropropene	52.7	4.0	50.00	0	105.4	0	200	51.06	3.18	20	
Cyclohexanone	286	100	250.0	0	114.3	0	200	305.6	6.72	20	
Dibromochloromethane	50.5	5.0	50.00	0	101.1	89.1	119	50.26	0.556	20	
Dibromomethane	52.0	5.0	50.00	0	104.0	0	200	50.86	2.20	20	
Dichlorodifluoromethane	28.4	10	50.00	0	56.7	0	200	27.92	1.56	20	
Ethyl acetate	50.5	50.0	50.00	0	101.0	0	200	52.13	3.14	20	
Ethyl ether	52.1	5.0	50.00	0	104.1	0	200	50.98	2.10	20	
Ethyl methacrylate	47.2	5.0	50.00	0	94.4	0	200	46.89	0.638	20	
Ethylbenzene	50.7	5.0	50.00	0	101.4	84.1	115	49.04	3.35	20	
Heptane	53.0	20.0	50.00	0	105.9	0	200	53.59	1.20	20	
Hexachlorobutadiene	55.1	5.0	50.00	0	110.2	0	200	54.35	1.37	20	
Hexachloroethane	48.4	5.0	50.00	0	96.7	0	200	47.39	2.01	20	
Iodomethane	61.3	10	50.00	0	122.7	0	200	57.41	6.62	20	
Isopropylbenzene	50.4	5.0	50.00	0	100.9	0	200	49.29	2.31	20	
m,p-Xylenes	101	5.0	100.0	0	100.8	79.1	111	98.00	2.87	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCSD-G101018-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>				Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764314</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50	50.0	50.00	0	100	0	200	50.06	0	20	J
Methyl Methacrylate	48.5	5.0	50.00	0	97.0	0	200	49.30	1.66	20	
Methyl tert-butyl ether	52.0	2.0	50.00	0	104.0	80	128	50.89	2.16	20	
Methylacrylate	51.1	10	50.00	0	102.2	0	200	52.35	2.46	20	
Methylene chloride	50.1	5.0	50.00	0	100.3	73.9	116	48.70	2.91	20	
Naphthalene	52.8	10	50.00	0	105.5	73.1	135	53.08	0.605	20	
n-Butylbenzene	52.3	5.0	50.00	0	104.5	0	200	51.97	0.556	20	
n-Hexane	52.6	20.0	50.00	0	105.3	0	200	51.53	2.15	20	
Nitrobenzene	50	100	50.00	0	100.2	0	200	60.18	0	20	J
n-Propylbenzene	50.1	5.0	50.00	0	100.2	0	200	49.02	2.18	20	
o-Xylene	48.5	5.0	50.00	0	97.1	82	117	47.07	3.05	20	
Pentachloroethane	52.3	5.0	50.00	0	104.5	0	200	51.35	1.76	20	
p-Isopropyltoluene	50.2	5.0	50.00	0	100.5	0	200	48.81	2.89	20	
Propionitrile	50.6	50.0	50.00	0	101.3	0	200	54.43	7.21	20	
sec-Butylbenzene	51.1	5.0	50.00	0	102.1	0	200	50.09	1.92	20	
Styrene	50.2	5.0	50.00	0	100.3	0	200	49.11	2.10	20	
tert-Butylbenzene	49.1	5.0	50.00	0	98.1	0	200	47.58	3.06	20	
Tetrachloroethene	50.5	5.0	50.00	0	100.9	74.6	115	49.87	1.18	20	
Tetrahydrofuran	50	50.0	50.00	0	99.6	0	200	50.84	0	20	J
Toluene	49.4	5.0	50.00	0	98.8	79.1	112	48.03	2.81	20	
trans-1,2-Dichloroethene	53.3	5.0	50.00	0	106.6	0	200	51.67	3.09	20	
trans-1,3-Dichloropropene	49.4	4.0	50.00	0	98.8	0	200	48.68	1.43	20	
Trichloroethene	52.8	5.0	50.00	0	105.6	81	111	51.96	1.62	20	
Trichlorofluoromethane	48.1	5.0	50.00	0	96.2	0	200	46.42	3.55	20	
Vinyl acetate	51.6	50.0	50.00	0	103.2	0	200	51.20	0.778	20	
Vinyl chloride	44.0	2.0	50.00	0	88.0	0	200	43.33	1.56	20	
Surr: 1,2-Dichloroethane-d4	51.0		50.00		102.1	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.3		50.00		100.6	82.1	116		0	20	
Surr: Dibromofluoromethane	52.4		50.00		104.9	77.7	120		0	20	
Surr: Toluene-d8	49.5		50.00		99.1	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MBLK-G101018-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764315</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									
1,1,1,1-Trichloroethane	ND	5.0									
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0									
1,1,1,2-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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MBLK-G101018-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764315</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MBLK-G101018-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/18/2010</b>	RunNo: <b>141461</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63797</b>	<b>SW5035</b>	Analysis Date: <b>10/18/2010</b>	SeqNo: <b>2764315</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	2.0	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	52.6		50.00		105.2	72.2	131				
Surr: 4-Bromofluorobenzene	50.8		50.00		101.7	82.1	116				
Surr: Dibromofluoromethane	52.5		50.00		105.0	77.7	120				
Surr: Toluene-d8	49.8		50.00		99.7	86	116				

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-G101019-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>					Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766036</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	51.1	5.0	50.00	0	102.2	0	200				
1,1,1-Trichloroethane	52.8	5.0	50.00	0	105.6	85.6	124				
1,1,2,2-Tetrachloroethane	48.6	5.0	50.00	0	97.1	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	53.6	5.0	50.00	0	107.2	0	200				
1,1,2-Trichloroethane	50.0	5.0	50.00	0	100	0	200				
1,1-Dichloro-2-propanone	111	50.0	125.0	0	89.2	0	200				
1,1-Dichloroethane	51.4	5.0	50.00	0	102.9	0	200				
1,1-Dichloroethene	49.6	5.0	50.00	0	99.1	60.1	131				
1,1-Dichloropropene	52.8	5.0	50.00	0	105.6	0	200				
1,2,3-Trichlorobenzene	57.1	5.0	50.00	0	114.2	0	200				
1,2,3-Trichloropropane	49.9	10	50.00	0	99.8	0	200				
1,2,3-Trimethylbenzene	50.4	5.0	50.00	0	100.8	0	200				
1,2,4-Trichlorobenzene	59.1	5.0	50.00	0	118.2	0	200				
1,2,4-Trimethylbenzene	52.4	5.0	50.00	0	104.8	0	200				
1,2-Dibromo-3-chloropropane	48.7	5.0	50.00	0	97.4	0	200				
1,2-Dibromoethane	51.0	5.0	50.00	0	101.9	86.9	119				
1,2-Dichlorobenzene	52.1	5.0	50.00	0	104.1	88	119				
1,2-Dichloroethane	53.1	5.0	50.00	0	106.1	73	117				
1,2-Dichloropropane	51.0	5.0	50.00	0	102.1	0	200				
1,3,5-Trimethylbenzene	51.6	5.0	50.00	0	103.2	0	200				
1,3-Dichlorobenzene	53.0	5.0	50.00	0	106.0	85.8	125				
1,3-Dichloropropane	49.8	5.0	50.00	0	99.6	0	200				
1,4-Dichlorobenzene	52.5	5.0	50.00	0	105.1	84.5	124				
1-Chlorobutane	48.3	5.0	50.00	0	96.6	0	200				
2,2-Dichloropropane	51.5	5.0	50.00	0	103.1	0	200				
2-Butanone	138	50.0	125.0	0	110.5	45.3	136				
2-Chlorotoluene	50.6	5.0	50.00	0	101.1	0	200				
2-Hexanone	129	50.0	125.0	0	103.4	0	200				
2-Nitropropane	47	50.0	50.00	0	93.2	0	200				J
4-Chlorotoluene	51.5	5.0	50.00	0	102.9	0	200				
4-Methyl-2-pentanone	126	50.0	125.0	0	101.1	0	200				

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-G101019-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>					Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766036</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	171	50.0	125.0	0	136.7	0	200				
Acrylonitrile	46.0	10	50.00	0	92.1	0	200				
Allyl chloride	51.2	5.0	50.00	0	102.3	0	200				
Benzene	50.9	1.0	50.00	0	101.8	73.9	109				
Bromobenzene	51.6	5.0	50.00	0	103.1	0	200				
Bromochloromethane	51.0	5.0	50.00	0	102.1	0	200				
Bromodichloromethane	52.7	5.0	50.00	0	105.5	91.3	126				
Bromoform	50.2	5.0	50.00	0	100.5	0	200				
Bromomethane	42.2	10	50.00	0	84.4	0	200				
Carbon disulfide	49.4	5.0	50.00	0	98.7	0	200				
Carbon tetrachloride	53.7	5.0	50.00	0	107.4	83.3	127				
Chlorobenzene	51.7	5.0	50.00	0	103.4	85.8	116				
Chloroethane	44.6	10	50.00	0	89.1	0	200				
Chloroform	53.0	5.0	50.00	0	106.0	80	113				
Chloromethane	33.2	10	50.00	0	66.3	0	200				
cis-1,2-Dichloroethene	52.2	5.0	50.00	0	104.5	0	200				
cis-1,3-Dichloropropene	52.6	4.0	50.00	0	105.2	0	200				
Cyclohexanone	306	100	250.0	0	122.4	0	200				
Dibromochloromethane	50.5	5.0	50.00	0	101.0	89.1	119				
Dibromomethane	51.5	5.0	50.00	0	103.1	0	200				
Dichlorodifluoromethane	24.2	10	50.00	0	48.5	0	200				
Ethyl acetate	48	50.0	50.00	0	96.4	0	200				J
Ethyl ether	50.9	5.0	50.00	0	101.7	0	200				
Ethyl methacrylate	47.2	5.0	50.00	0	94.5	0	200				
Ethylbenzene	52.0	5.0	50.00	0	104.1	84.1	115				
Heptane	54.3	20.0	50.00	0	108.7	0	200				
Hexachlorobutadiene	57.4	5.0	50.00	0	114.7	0	200				
Hexachloroethane	48.2	5.0	50.00	0	96.4	0	200				
Iodomethane	65.8	10	50.00	0	131.6	0	200				
Isopropylbenzene	52.4	5.0	50.00	0	104.8	0	200				
m,p-Xylenes	104	5.0	100.0	0	103.9	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-G101019-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>				Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766036</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	48	50.0	50.00	0	96.3	0	200				J
Methyl Methacrylate	47.9	5.0	50.00	0	95.7	0	200				
Methyl tert-butyl ether	51.5	2.0	50.00	0	103.0	80	128				
Methylacrylate	49.2	10	50.00	0	98.4	0	200				
Methylene chloride	50.0	5.0	50.00	0	99.9	73.9	116				
Naphthalene	54.6	10	50.00	0	109.1	73.1	135				
n-Butylbenzene	54.4	5.0	50.00	0	108.7	0	200				
n-Hexane	52.0	20.0	50.00	0	104.1	0	200				
Nitrobenzene	ND	100	50.00	0	0	0	200				
n-Propylbenzene	51.1	5.0	50.00	0	102.3	0	200				
o-Xylene	50.0	5.0	50.00	0	99.9	82	117				
Pentachloroethane	52.4	5.0	50.00	0	104.8	0	200				
p-Isopropyltoluene	51.7	5.0	50.00	0	103.4	0	200				
Propionitrile	51.8	50.0	50.00	0	103.5	0	200				
sec-Butylbenzene	52.4	5.0	50.00	0	104.7	0	200				
Styrene	51.8	5.0	50.00	0	103.6	0	200				
tert-Butylbenzene	49.9	5.0	50.00	0	99.8	0	200				
Tetrachloroethene	51.8	5.0	50.00	0	103.7	74.6	115				
Tetrahydrofuran	49	50.0	50.00	0	97.4	0	200				J
Toluene	50.6	5.0	50.00	0	101.2	79.1	112				
trans-1,2-Dichloroethene	53.2	5.0	50.00	0	106.4	0	200				
trans-1,3-Dichloropropene	49.5	4.0	50.00	0	98.9	0	200				
Trichloroethene	54.4	5.0	50.00	0	108.9	81	111				
Trichlorofluoromethane	45.9	5.0	50.00	0	91.8	0	200				
Vinyl acetate	50	50.0	50.00	0	99.0	0	200				J
Vinyl chloride	42.3	2.0	50.00	0	84.7	0	200				
Surr: 1,2-Dichloroethane-d4	49.7		50.00		99.3	72.2	131				
Surr: 4-Bromofluorobenzene	50.7		50.00		101.4	82.1	116				
Surr: Dibromofluoromethane	52.6		50.00		105.2	77.7	120				
Surr: Toluene-d8	49.5		50.00		99.0	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCSD-G101019-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/19/2010</b>			RunNo: <b>141521</b>		
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>				Analysis Date: <b>10/19/2010</b>			SeqNo: <b>2766037</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	52.8	5.0	50.00	0	105.5	0	200	51.09	3.22	20	
1,1,1-Trichloroethane	54.5	5.0	50.00	0	108.9	85.6	124	52.80	3.10	20	
1,1,2,2-Tetrachloroethane	51.4	5.0	50.00	0	102.9	0	200	48.56	5.74	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	55.7	5.0	50.00	0	111.4	0	200	53.60	3.81	20	
1,1,2-Trichloroethane	50.7	5.0	50.00	0	101.4	0	200	50.01	1.37	20	
1,1-Dichloro-2-propanone	122	50.0	125.0	0	97.5	0	200	111.4	8.98	20	
1,1-Dichloroethane	52.8	5.0	50.00	0	105.6	0	200	51.43	2.61	20	
1,1-Dichloroethene	51.0	5.0	50.00	0	102.0	60.1	131	49.55	2.88	20	
1,1-Dichloropropene	54.1	5.0	50.00	0	108.3	0	200	52.78	2.53	20	
1,2,3-Trichlorobenzene	57.7	5.0	50.00	0	115.4	0	200	57.10	1.08	20	
1,2,3-Trichloropropane	52.3	10	50.00	0	104.7	0	200	49.91	4.73	20	
1,2,3-Trimethylbenzene	51.9	5.0	50.00	0	103.8	0	200	50.38	2.99	20	
1,2,4-Trichlorobenzene	59.4	5.0	50.00	0	118.8	0	200	59.11	0.489	20	
1,2,4-Trimethylbenzene	54.3	5.0	50.00	0	108.6	0	200	52.38	3.62	20	
1,2-Dibromo-3-chloropropane	52.1	5.0	50.00	0	104.3	0	200	48.68	6.86	20	
1,2-Dibromoethane	52.7	5.0	50.00	0	105.3	86.9	119	50.96	3.28	20	
1,2-Dichlorobenzene	52.9	5.0	50.00	0	105.9	88	119	52.06	1.68	20	
1,2-Dichloroethane	54.5	5.0	50.00	0	109.0	73	117	53.06	2.68	20	
1,2-Dichloropropane	52.0	5.0	50.00	0	104.1	0	200	51.03	1.94	20	
1,3,5-Trimethylbenzene	53.4	5.0	50.00	0	106.8	0	200	51.58	3.50	20	
1,3-Dichlorobenzene	53.7	5.0	50.00	0	107.4	85.8	125	52.99	1.31	20	
1,3-Dichloropropane	50.8	5.0	50.00	0	101.6	0	200	49.82	1.93	20	
1,4-Dichlorobenzene	53.7	5.0	50.00	0	107.4	84.5	124	52.53	2.24	20	
1-Chlorobutane	49.5	5.0	50.00	0	99.0	0	200	48.31	2.47	20	
2,2-Dichloropropane	53.3	5.0	50.00	0	106.6	0	200	51.54	3.36	20	
2-Butanone	140	50.0	125.0	0	112.3	45.3	136	138.2	1.59	20	
2-Chlorotoluene	52.5	5.0	50.00	0	105.0	0	200	50.56	3.78	20	
2-Hexanone	132	50.0	125.0	0	105.3	0	200	129.2	1.86	20	
2-Nitropropane	48	50.0	50.00	0	96.4	0	200	46.58	0	20	J
4-Chlorotoluene	53.1	5.0	50.00	0	106.2	0	200	51.47	3.14	20	
4-Methyl-2-pentanone	129	50.0	125.0	0	103.4	0	200	126.4	2.24	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCSD-G101019-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>				Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766037</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Acetone	176	50.0	125.0	0	140.7	0	200	170.9	2.87	20		
Acrylonitrile	47.5	10	50.00	0	95.0	0	200	46.05	3.12	20		
Allyl chloride	52.9	5.0	50.00	0	105.8	0	200	51.17	3.36	20		
Benzene	52.3	1.0	50.00	0	104.6	73.9	109	50.92	2.71	20		
Bromobenzene	53.5	5.0	50.00	0	107.0	0	200	51.57	3.67	20		
Bromochloromethane	52.0	5.0	50.00	0	104.0	0	200	51.04	1.88	20		
Bromodichloromethane	53.6	5.0	50.00	0	107.1	91.3	126	52.74	1.56	20		
Bromoform	52.1	5.0	50.00	0	104.2	0	200	50.23	3.69	20		
Bromomethane	42.3	10	50.00	0	84.6	0	200	42.22	0.237	20		
Carbon disulfide	50.6	5.0	50.00	0	101.1	0	200	49.36	2.42	20		
Carbon tetrachloride	55.8	5.0	50.00	0	111.7	83.3	127	53.68	3.93	20		
Chlorobenzene	53.1	5.0	50.00	0	106.2	85.8	116	51.71	2.61	20		
Chloroethane	45.4	10	50.00	0	90.9	0	200	44.56	1.98	20		
Chloroform	54.4	5.0	50.00	0	108.7	80	113	53.02	2.48	20		
Chloromethane	33.4	10	50.00	0	66.8	0	200	33.17	0.691	20		
cis-1,2-Dichloroethene	53.4	5.0	50.00	0	106.9	0	200	52.25	2.25	20		
cis-1,3-Dichloropropene	53.2	4.0	50.00	0	106.4	0	200	52.59	1.17	20		
Cyclohexanone	264	100	250.0	0	105.5	0	200	306.1	14.9	20		
Dibromochloromethane	52.0	5.0	50.00	0	104.0	89.1	119	50.50	2.93	20		
Dibromomethane	53.1	5.0	50.00	0	106.2	0	200	51.54	2.96	20		
Dichlorodifluoromethane	24.6	10	50.00	0	49.2	0	200	24.25	1.51	20		
Ethyl acetate	50.1	50.0	50.00	0	100.3	0	200	48.19	3.97	20		
Ethyl ether	51.9	5.0	50.00	0	103.8	0	200	50.87	1.99	20		
Ethyl methacrylate	48.4	5.0	50.00	0	96.7	0	200	47.23	2.34	20		
Ethylbenzene	52.9	5.0	50.00	0	105.8	84.1	115	52.03	1.70	20		
Heptane	52.6	20.0	50.00	0	105.3	0	200	54.33	3.14	20		
Hexachlorobutadiene	58.3	5.0	50.00	0	116.6	0	200	57.37	1.57	20		
Hexachloroethane	50.4	5.0	50.00	0	100.8	0	200	48.19	4.50	20		
Iodomethane	68.7	10	50.00	0	137.4	0	200	65.79	4.34	20		
Isopropylbenzene	52.7	5.0	50.00	0	105.5	0	200	52.39	0.647	20		
m,p-Xylenes	106	5.0	100.0	0	105.6	79.1	111	103.9	1.57	20		

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCSD-G101019-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>				Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766037</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	49	50.0	50.00	0	98.8	0	200	48.16	0	20	J
Methyl Methacrylate	49.6	5.0	50.00	0	99.3	0	200	47.87	3.65	20	
Methyl tert-butyl ether	52.8	2.0	50.00	0	105.7	80	128	51.50	2.59	20	
Methylacrylate	50.5	10	50.00	0	101.0	0	200	49.19	2.67	20	
Methylene chloride	50.5	5.0	50.00	0	101.0	73.9	116	49.95	1.11	20	
Naphthalene	56.9	10	50.00	0	113.7	73.1	135	54.56	4.13	20	
n-Butylbenzene	56.0	5.0	50.00	0	112.0	0	200	54.35	3.01	20	
n-Hexane	52.2	20.0	50.00	0	104.3	0	200	52.04	0.211	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	0	0	20	
n-Propylbenzene	52.9	5.0	50.00	0	105.9	0	200	51.14	3.44	20	
o-Xylene	50.6	5.0	50.00	0	101.2	82	117	49.96	1.25	20	
Pentachloroethane	54.8	5.0	50.00	0	109.6	0	200	52.41	4.46	20	
p-Isopropyltoluene	53.4	5.0	50.00	0	106.8	0	200	51.68	3.27	20	
Propionitrile	51.4	50.0	50.00	0	102.8	0	200	51.75	0.718	20	
sec-Butylbenzene	54.3	5.0	50.00	0	108.6	0	200	52.36	3.64	20	
Styrene	52.1	5.0	50.00	0	104.2	0	200	51.82	0.520	20	
tert-Butylbenzene	52.0	5.0	50.00	0	103.9	0	200	49.92	4.02	20	
Tetrachloroethene	53.6	5.0	50.00	0	107.1	74.6	115	51.83	3.28	20	
Tetrahydrofuran	51.4	50.0	50.00	0	102.9	0	200	48.72	5.41	20	
Toluene	52.0	5.0	50.00	0	104.0	79.1	112	50.61	2.71	20	
trans-1,2-Dichloroethene	54.3	5.0	50.00	0	108.6	0	200	53.19	2.08	20	
trans-1,3-Dichloropropene	50.3	4.0	50.00	0	100.6	0	200	49.46	1.72	20	
Trichloroethene	56.3	5.0	50.00	0	112.5	81	111	54.43	3.32	20	S
Trichlorofluoromethane	47.8	5.0	50.00	0	95.6	0	200	45.92	3.97	20	
Vinyl acetate	50.7	50.0	50.00	0	101.3	0	200	49.50	2.34	20	
Vinyl chloride	43.7	2.0	50.00	0	87.4	0	200	42.34	3.21	20	
Surr: 1,2-Dichloroethane-d4	50.0		50.00		99.9	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	49.8		50.00		99.6	82.1	116		0	20	
Surr: Dibromofluoromethane	52.3		50.00		104.5	77.7	120		0	20	
Surr: Toluene-d8	49.3		50.00		98.6	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MBLK-G101019-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766038</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MBLK-G101019-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766038</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MBLK-G101019-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/19/2010</b>	RunNo: <b>141521</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63828</b>	<b>SW5035</b>	Analysis Date: <b>10/19/2010</b>	SeqNo: <b>2766038</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	51.4		50.00		102.8	72.2	131				
Surr: 4-Bromofluorobenzene	50.3		50.00		100.7	82.1	116				
Surr: Dibromofluoromethane	52.2		50.00		104.4	77.7	120				
Surr: Toluene-d8	49.4		50.00		98.8	86	116				

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-G101020-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767622</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	50.0	5.0	50.00	0	99.9	0	200					
1,1,1-Trichloroethane	52.7	5.0	50.00	0	105.5	85.6	124					
1,1,2,2-Tetrachloroethane	49.0	5.0	50.00	0	97.9	0	200					
1,1,2-Trichloro-1,2,2-trifluoroethane	55.5	5.0	50.00	0	110.9	0	200					
1,1,2-Trichloroethane	49.1	5.0	50.00	0	98.2	0	200					
1,1-Dichloro-2-propanone	128	50.0	125.0	0	102.7	0	200					
1,1-Dichloroethane	51.4	5.0	50.00	0	102.8	0	200					
1,1-Dichloroethene	51.9	5.0	50.00	0	103.9	60.1	131					
1,1-Dichloropropene	51.8	5.0	50.00	0	103.6	0	200					
1,2,3-Trichlorobenzene	56.6	5.0	50.00	0	113.3	0	200					
1,2,3-Trichloropropane	50.0	10	50.00	0	100	0	200					
1,2,3-Trimethylbenzene	49.2	5.0	50.00	0	98.4	0	200					
1,2,4-Trichlorobenzene	55.1	5.0	50.00	0	110.2	0	200					
1,2,4-Trimethylbenzene	50.6	5.0	50.00	0	101.1	0	200					
1,2-Dibromo-3-chloropropane	51.2	5.0	50.00	0	102.4	0	200					
1,2-Dibromoethane	50.6	5.0	50.00	0	101.2	86.9	119					
1,2-Dichlorobenzene	50.0	5.0	50.00	0	100	88	119					
1,2-Dichloroethane	53.0	5.0	50.00	0	106.1	73	117					
1,2-Dichloropropane	50.1	5.0	50.00	0	100.2	0	200					
1,3,5-Trimethylbenzene	49.6	5.0	50.00	0	99.3	0	200					
1,3-Dichlorobenzene	49.1	5.0	50.00	0	98.2	85.8	125					
1,3-Dichloropropane	48.8	5.0	50.00	0	97.7	0	200					
1,4-Dichlorobenzene	49.7	5.0	50.00	0	99.5	84.5	124					
1-Chlorobutane	47.6	5.0	50.00	0	95.2	0	200					
2,2-Dichloropropane	50.1	5.0	50.00	0	100.2	0	200					
2-Butanone	130	50.0	125.0	0	103.9	45.3	136					
2-Chlorotoluene	48.6	5.0	50.00	0	97.1	0	200					
2-Hexanone	123	50.0	125.0	0	98.5	0	200					
2-Nitropropane	50	50.0	50.00	0	99.9	0	200				J	
4-Chlorotoluene	48.9	5.0	50.00	0	97.8	0	200					
4-Methyl-2-pentanone	127	50.0	125.0	0	101.3	0	200					

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-G101020-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>					Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767622</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	152	50.0	125.0	0	121.9	0	200				
Acrylonitrile	46.9	10	50.00	0	93.8	0	200				
Allyl chloride	51.0	5.0	50.00	0	102.0	0	200				
Benzene	50.2	1.0	50.00	0	100.4	73.9	109				
Bromobenzene	49.4	5.0	50.00	0	98.7	0	200				
Bromochloromethane	50.8	5.0	50.00	0	101.5	0	200				
Bromodichloromethane	51.1	5.0	50.00	0	102.2	91.3	126				
Bromoform	49.8	5.0	50.00	0	99.6	0	200				
Bromomethane	49.1	10	50.00	0	98.2	0	200				
Carbon disulfide	53.1	5.0	50.00	0	106.3	0	200				
Carbon tetrachloride	52.9	5.0	50.00	0	105.9	83.3	127				
Chlorobenzene	49.6	5.0	50.00	0	99.3	85.8	116				
Chloroethane	49.8	10	50.00	0	99.6	0	200				
Chloroform	52.4	5.0	50.00	0	104.8	80	113				
Chloromethane	47.4	10	50.00	0	94.9	0	200				
cis-1,2-Dichloroethene	51.5	5.0	50.00	0	103.1	0	200				
cis-1,3-Dichloropropene	51.9	4.0	50.00	0	103.7	0	200				
Cyclohexanone	274	100	250.0	0	109.5	0	200				
Dibromochloromethane	49.5	5.0	50.00	0	99.0	89.1	119				
Dibromomethane	50.6	5.0	50.00	0	101.1	0	200				
Dichlorodifluoromethane	46.8	10	50.00	0	93.5	0	200				
Ethyl acetate	49	50.0	50.00	0	97.2	0	200				J
Ethyl ether	52.7	5.0	50.00	0	105.4	0	200				
Ethyl methacrylate	46.6	5.0	50.00	0	93.1	0	200				
Ethylbenzene	49.5	5.0	50.00	0	99.0	84.1	115				
Heptane	47.7	20.0	50.00	0	95.4	0	200				
Hexachlorobutadiene	53.4	5.0	50.00	0	106.8	0	200				
Hexachloroethane	48.2	5.0	50.00	0	96.5	0	200				
Iodomethane	60.3	10	50.00	0	120.5	0	200				
Isopropylbenzene	49.4	5.0	50.00	0	98.8	0	200				
m,p-Xylenes	98.5	5.0	100.0	0	98.5	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCS-G101020-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767622</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	48	50.0	50.00	0	96.4	0	200				J
Methyl Methacrylate	48.1	5.0	50.00	0	96.1	0	200				
Methyl tert-butyl ether	51.8	2.0	50.00	0	103.6	80	128				
Methylacrylate	50.0	10	50.00	0	100	0	200				
Methylene chloride	50.5	5.0	50.00	0	101.0	73.9	116				
Naphthalene	55.9	10	50.00	0	111.8	73.1	135				
n-Butylbenzene	51.3	5.0	50.00	0	102.6	0	200				
n-Hexane	50.2	20.0	50.00	0	100.3	0	200				
Nitrobenzene	74	100	50.00	0	147.4	0	200				J
n-Propylbenzene	49.0	5.0	50.00	0	98.0	0	200				
o-Xylene	47.6	5.0	50.00	0	95.2	82	117				
Pentachloroethane	50.8	5.0	50.00	0	101.7	0	200				
p-Isopropyltoluene	49.8	5.0	50.00	0	99.6	0	200				
Propionitrile	54.9	50.0	50.00	0	109.9	0	200				
sec-Butylbenzene	50.1	5.0	50.00	0	100.1	0	200				
Styrene	49.3	5.0	50.00	0	98.6	0	200				
tert-Butylbenzene	48.5	5.0	50.00	0	96.9	0	200				
Tetrachloroethene	49.8	5.0	50.00	0	99.6	74.6	115				
Tetrahydrofuran	49	50.0	50.00	0	98.7	0	200				J
Toluene	48.6	5.0	50.00	0	97.2	79.1	112				
trans-1,2-Dichloroethene	53.0	5.0	50.00	0	106.0	0	200				
trans-1,3-Dichloropropene	48.1	4.0	50.00	0	96.2	0	200				
Trichloroethene	52.7	5.0	50.00	0	105.3	81	111				
Trichlorofluoromethane	50.2	5.0	50.00	0	100.4	0	200				
Vinyl acetate	50	50.0	50.00	0	99.5	0	200				J
Vinyl chloride	53.3	2.0	50.00	0	106.6	0	200				
Surr: 1,2-Dichloroethane-d4	50.3		50.00		100.7	72.2	131				
Surr: 4-Bromofluorobenzene	50.4		50.00		100.9	82.1	116				
Surr: Dibromofluoromethane	53.5		50.00		106.9	77.7	120				
Surr: Toluene-d8	49.1		50.00		98.3	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCSD-G101020-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767623</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	49.7	5.0	50.00	0	99.4	0	200	49.95	0.462	20	
1,1,1-Trichloroethane	52.8	5.0	50.00	0	105.6	85.6	124	52.73	0.152	20	
1,1,2,2-Tetrachloroethane	49.0	5.0	50.00	0	98.0	0	200	48.96	0.0613	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	56.6	5.0	50.00	0	113.2	0	200	55.47	2.02	20	
1,1,2-Trichloroethane	49.1	5.0	50.00	0	98.2	0	200	49.12	0.0407	20	
1,1-Dichloro-2-propanone	142	50.0	125.0	0	113.9	0	200	128.4	10.4	20	
1,1-Dichloroethane	52.1	5.0	50.00	0	104.2	0	200	51.41	1.37	20	
1,1-Dichloroethene	52.8	5.0	50.00	0	105.5	60.1	131	51.93	1.60	20	
1,1-Dichloropropene	52.1	5.0	50.00	0	104.2	0	200	51.78	0.597	20	
1,2,3-Trichlorobenzene	54.7	5.0	50.00	0	109.4	0	200	56.65	3.48	20	
1,2,3-Trichloropropane	49.8	10	50.00	0	99.7	0	200	50.01	0.361	20	
1,2,3-Trimethylbenzene	49.3	5.0	50.00	0	98.7	0	200	49.19	0.304	20	
1,2,4-Trichlorobenzene	54.4	5.0	50.00	0	108.8	0	200	55.12	1.30	20	
1,2,4-Trimethylbenzene	50.7	5.0	50.00	0	101.4	0	200	50.56	0.237	20	
1,2-Dibromo-3-chloropropane	48.9	5.0	50.00	0	97.8	0	200	51.18	4.56	20	
1,2-Dibromoethane	50.6	5.0	50.00	0	101.2	86.9	119	50.59	0.0593	20	
1,2-Dichlorobenzene	49.8	5.0	50.00	0	99.7	88	119	49.98	0.301	20	
1,2-Dichloroethane	53.6	5.0	50.00	0	107.2	73	117	53.03	1.05	20	
1,2-Dichloropropane	51.1	5.0	50.00	0	102.1	0	200	50.11	1.90	20	
1,3,5-Trimethylbenzene	50.6	5.0	50.00	0	101.2	0	200	49.64	1.95	20	
1,3-Dichlorobenzene	49.7	5.0	50.00	0	99.5	85.8	125	49.11	1.25	20	
1,3-Dichloropropane	48.7	5.0	50.00	0	97.4	0	200	48.83	0.267	20	
1,4-Dichlorobenzene	49.7	5.0	50.00	0	99.5	84.5	124	49.73	0.0201	20	
1-Chlorobutane	48.3	5.0	50.00	0	96.6	0	200	47.60	1.44	20	
2,2-Dichloropropane	51.0	5.0	50.00	0	102.1	0	200	50.12	1.82	20	
2-Butanone	133	50.0	125.0	0	106.4	45.3	136	129.9	2.38	20	
2-Chlorotoluene	49.2	5.0	50.00	0	98.3	0	200	48.55	1.25	20	
2-Hexanone	120	50.0	125.0	0	96.4	0	200	123.1	2.14	20	
2-Nitropropane	47	50.0	50.00	0	94.2	0	200	49.97	0	20	J
4-Chlorotoluene	49.5	5.0	50.00	0	99.0	0	200	48.88	1.26	20	
4-Methyl-2-pentanone	126	50.0	125.0	0	100.8	0	200	126.6	0.427	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCSD-G101020-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767623</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	153	50.0	125.0	0	122.6	0	200	152.3	0.589	20	
Acrylonitrile	46.4	10	50.00	0	92.8	0	200	46.89	1.01	20	
Allyl chloride	52.8	5.0	50.00	0	105.6	0	200	51.00	3.45	20	
Benzene	51.0	1.0	50.00	0	102.0	73.9	109	50.20	1.58	20	
Bromobenzene	49.6	5.0	50.00	0	99.2	0	200	49.35	0.546	20	
Bromochloromethane	52.2	5.0	50.00	0	104.4	0	200	50.75	2.82	20	
Bromodichloromethane	52.6	5.0	50.00	0	105.1	91.3	126	51.10	2.84	20	
Bromoform	49.7	5.0	50.00	0	99.4	0	200	49.82	0.281	20	
Bromomethane	48.9	10	50.00	0	97.8	0	200	49.08	0.347	20	
Carbon disulfide	54.8	5.0	50.00	0	109.7	0	200	53.14	3.15	20	
Carbon tetrachloride	53.6	5.0	50.00	0	107.3	83.3	127	52.94	1.31	20	
Chlorobenzene	50.0	5.0	50.00	0	100	85.8	116	49.63	0.723	20	
Chloroethane	50.4	10	50.00	0	100.8	0	200	49.80	1.22	20	
Chloroform	52.7	5.0	50.00	0	105.4	80	113	52.38	0.590	20	
Chloromethane	46.1	10	50.00	0	92.1	0	200	47.43	2.91	20	
cis-1,2-Dichloroethene	52.5	5.0	50.00	0	105.0	0	200	51.53	1.85	20	
cis-1,3-Dichloropropene	51.1	4.0	50.00	0	102.1	0	200	51.87	1.55	20	
Cyclohexanone	322	100	250.0	0	128.7	0	200	273.7	16.1	20	
Dibromochloromethane	49.9	5.0	50.00	0	99.8	89.1	119	49.51	0.765	20	
Dibromomethane	51.2	5.0	50.00	0	102.4	0	200	50.56	1.24	20	
Dichlorodifluoromethane	47.7	10	50.00	0	95.4	0	200	46.76	2.03	20	
Ethyl acetate	48	50.0	50.00	0	95.1	0	200	48.62	0	20	J
Ethyl ether	53.4	5.0	50.00	0	106.8	0	200	52.70	1.36	20	
Ethyl methacrylate	46.2	5.0	50.00	0	92.5	0	200	46.56	0.668	20	
Ethylbenzene	49.7	5.0	50.00	0	99.4	84.1	115	49.52	0.403	20	
Heptane	50.7	20.0	50.00	0	101.4	0	200	47.69	6.08	20	
Hexachlorobutadiene	53.5	5.0	50.00	0	107.0	0	200	53.40	0.150	20	
Hexachloroethane	48.1	5.0	50.00	0	96.3	0	200	48.24	0.228	20	
Iodomethane	67.3	10	50.00	0	134.5	0	200	60.26	11.0	20	
Isopropylbenzene	50.2	5.0	50.00	0	100.4	0	200	49.40	1.57	20	
m,p-Xylenes	98.4	5.0	100.0	0	98.4	79.1	111	98.51	0.102	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>LCSD-G101020-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767623</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	48	50.0	50.00	0	96.9	0	200	48.19	0	20	J
Methyl Methacrylate	47.7	5.0	50.00	0	95.5	0	200	48.07	0.710	20	
Methyl tert-butyl ether	52.0	2.0	50.00	0	104.0	80	128	51.79	0.366	20	
Methylacrylate	50.2	10	50.00	0	100.5	0	200	50.01	0.459	20	
Methylene chloride	51.0	5.0	50.00	0	102.1	73.9	116	50.48	1.08	20	
Naphthalene	53.8	10	50.00	0	107.6	73.1	135	55.88	3.79	20	
n-Butylbenzene	51.4	5.0	50.00	0	102.8	0	200	51.30	0.214	20	
n-Hexane	52.7	20.0	50.00	0	105.4	0	200	50.17	4.90	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	73.72	0	20	
n-Propylbenzene	49.3	5.0	50.00	0	98.6	0	200	48.99	0.631	20	
o-Xylene	48.3	5.0	50.00	0	96.6	82	117	47.59	1.46	20	
Pentachloroethane	51.2	5.0	50.00	0	102.4	0	200	50.83	0.764	20	
p-Isopropyltoluene	50.4	5.0	50.00	0	100.8	0	200	49.82	1.12	20	
Propionitrile	50.6	50.0	50.00	0	101.2	0	200	54.93	8.17	20	
sec-Butylbenzene	50.8	5.0	50.00	0	101.7	0	200	50.07	1.55	20	
Styrene	49.9	5.0	50.00	0	99.8	0	200	49.28	1.29	20	
tert-Butylbenzene	49.0	5.0	50.00	0	97.9	0	200	48.47	1.01	20	
Tetrachloroethene	49.9	5.0	50.00	0	99.8	74.6	115	49.80	0.241	20	
Tetrahydrofuran	50	50.0	50.00	0	99.8	0	200	49.35	0	20	J
Toluene	48.8	5.0	50.00	0	97.6	79.1	112	48.61	0.390	20	
trans-1,2-Dichloroethene	53.8	5.0	50.00	0	107.6	0	200	52.98	1.52	20	
trans-1,3-Dichloropropene	48.3	4.0	50.00	0	96.6	0	200	48.11	0.394	20	
Trichloroethene	52.7	5.0	50.00	0	105.4	81	111	52.67	0.0949	20	
Trichlorofluoromethane	51.2	5.0	50.00	0	102.4	0	200	50.22	1.89	20	
Vinyl acetate	50.3	50.0	50.00	0	100.6	0	200	49.75	1.08	20	
Vinyl chloride	53.2	2.0	50.00	0	106.4	0	200	53.31	0.169	20	
Surr: 1,2-Dichloroethane-d4	50.2		50.00		100.4	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.1		50.00		100.1	82.1	116		0	20	
Surr: Dibromofluoromethane	52.6		50.00		105.1	77.7	120		0	20	
Surr: Toluene-d8	49.2		50.00		98.4	86	116		0	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MBLK-G101020-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767625</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MBLK-G101020-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767625</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100661

Report Date: 26-Oct-10

Sample ID: <b>MBLK-G101020-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767625</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	1.2	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	51.4		50.00		102.9	72.2	131				
Surr: 4-Bromofluorobenzene	50.5		50.00		101.0	82.1	116				
Surr: Dibromofluoromethane	52.7		50.00		105.5	77.7	120				
Surr: Toluene-d8	49.0		50.00		98.0	86	116				

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10100661

**Report Date:** 26-Oct-10

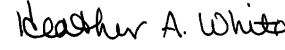
Carrier: Employee

Received By: TWM

Completed by:



Reviewed by:



On:

On:

15-Oct-10

15-Oct-10

Dawn Brantley

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 5.4
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 - vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input checked="" type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		

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



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

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

10100661

COC Serial No. B 09946

Project Name: <u>Ameca Champaign</u> Project Mgr.: <u>P. Szazama</u>		Laboratory Temperature upon Receipt: <u>5.4</u>	
Project Number: <u>64-0908-0120</u> Cost Code: <u>7002</u>		Lab ID #'s: <u>10100661</u>	
Sampler(s): <u>J. COMPTON</u>		Comments (Field PID): <u>Sample on another COL. D3 10/15/10</u>	
Laboratory Name: <u>TEKLAB</u> Location: <u>Collinsville</u>	Sample Number and (depth)	Date	Time
	<u>P6-B4.5-F(25)</u>	<u>10/15/10</u>	<u>0750</u>
	<u>P6-BC5.5-W(20)</u>	<u>"</u>	<u>0805</u>
Total Number of Containers		Total Number of Containers	
Matrix		Total Number of Containers	
Soil		6	
Water		6	
Air		6	
Wipes		6	
Other *		6	
Analyses by Method Name and Number		Total Number of Containers	
VOCs 8260		6	
SVCs 8270		6	
SVCs 8280		6	
SVCs 8290		6	
PCMA Metals		6	
Total + Amends		6	
TPH 04-1		6	

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

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

**Lab Directives:**

Requested TAT:  Rush  5 Days  STD  Other \_\_\_\_\_

Fax and/or Mail Results to: P. Szazama add to Hudisier

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

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

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

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

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

**Shipping:**

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

**Relinquished by:** Signature [Signature] Date 10/15 Time 1:32

**Received by:** Signature [Signature] Date 10-15-10 Time 1332

Distribution: WHITE to Lab CANARY to PM PINK to QA/QC GREEN to Sampler

PE-179 (6/03)

Shaded Areas to be Completed by Lab

November 03, 2010

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  
6240908012

**WorkOrder:** 10100792

Dear Pete Sazama:

TEKLAB, INC received 7 samples on 10/19/2010 5:05:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. 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 6240908012

**Lab Order:** 10100792

**Report Date:** 03-Nov-10

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10100792-001	P6-C5.5-W(20)	5	10/18/2010 2:00:00 PM
10100792-002	P6-CD5.5-W(3)	5	10/18/2010 2:14:00 PM
10100792-003	P6-CD5.5-W(8)	5	10/19/2010 8:10:00 AM
10100792-004	P6-CD5.5-W(20)	5	10/19/2010 8:25:00 AM
10100792-005	P6-D5.5-W(3)	5	10/19/2010 10:48:00 AM
10100792-006	P6-D5.5-W(8)	5	10/19/2010 11:00:00 AM
10100792-007	P6-D4.5-F(26)	5	10/19/2010 1:40:00 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 6240908012

**LabOrder:** 10100792

**Report Date:** 03-Nov-10

**Cooler Receipt Temp:** 3.4 °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:** 10100792

**Client Sample ID:** P6-C5.5-W(20)

**Lab ID:** 10100792-001

**Collection Date:** 10/18/2010 2:00:00 PM

**Report Date:** 03-Nov-10

**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		11.4	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.6	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		5.30	mg/Kg-dry	1	10/24/2010 12:10:15 AM	LAL
Barium	NELAP	0.49		28.3	mg/Kg-dry	1	10/24/2010 12:10:15 AM	LAL
Cadmium	NELAP	0.20		0.24	mg/Kg-dry	1	10/24/2010 12:10:15 AM	LAL
Chromium	NELAP	0.98		19.0	mg/Kg-dry	1	10/24/2010 12:10:15 AM	LAL
Lead	NELAP	3.92		25.8	mg/Kg-dry	1	10/24/2010 3:23:32 PM	LAL
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	10/24/2010 12:10:15 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	< 0.577	mg/Kg-dry	1	10/22/2010 9:49:06 AM	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	10/22/2010 7:34:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.010	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Anthracene	NELAP	0.004		0.014	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.014	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.014	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.015	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.009	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Chrysene	NELAP	0.004		0.014	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Fluoranthene	NELAP	0.004		0.026	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Fluorene	NELAP	0.004		0.017	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.004	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Naphthalene	NELAP	0.004	R	0.109	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Phenanthrene	NELAP	0.004	SR	0.066	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Pyrene	NELAP	0.004		0.044	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		68.1	%REC	1	10/22/2010 7:34:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		73.0	%REC	1	10/22/2010 7:34:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		74.0	%REC	1	10/22/2010 7:34:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-001  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-C5.5-W(20)  
**Collection Date:** 10/18/2010 2:00:00 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	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2-Chloronaphthalene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2-Chlorophenol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2-Methoxy-4-methylphenol		0.728		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2-Methylnaphthalene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4-Chloroaniline	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4-Nitroaniline	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Aniline	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Azobenzene		0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Benzidine	NELAP	1.18		See Note	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Benzyl alcohol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Carbazole		0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Dibenzofuran	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Diethyl phthalate	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Dimethyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Hexachlorobenzene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-001  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-C5.5-W(20)  
**Collection Date:** 10/18/2010 2:00:00 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	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Hexachloroethane	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Isophorone	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
m,p-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Nitrobenzene	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
o-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Phenol	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Pyridine	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
1,2-Diphenylhydrazine		0.941		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		59.0	%REC	1	10/21/2010 2:45:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		72.3	%REC	1	10/21/2010 2:45:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		69.7	%REC	1	10/21/2010 2:45:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		75.4	%REC	1	10/21/2010 2:45:00 PM	DMH
Surr: Phenol-d5		34.9-110		75.2	%REC	1	10/21/2010 2:45:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		80.2	%REC	1	10/21/2010 2:45:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1,1-Trichloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1,2-Trichloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1-Dichloro-2-propanone		1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1-Dichloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1-Dichloroethene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1-Dichloropropene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2,3-Trichloropropane	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2,3-Trimethylbenzene		148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2-Dibromoethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2-Dichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-001  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-C5.5-W(20)  
**Collection Date:** 10/18/2010 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	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2-Dichloropropane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,3-Dichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,3-Dichloropropane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,4-Dichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1-Chlorobutane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
2,2-Dichloropropane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
2-Butanone	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
2-Chlorotoluene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
2-Hexanone	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
2-Nitropropane	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
4-Chlorotoluene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
4-Methyl-2-pentanone	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Acetone	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Acrolein	NELAP	2950		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Acrylonitrile	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Allyl chloride	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Benzene	NELAP	29.5		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Bromobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Bromochloromethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Bromodichloromethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Bromoform	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Bromomethane	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Carbon disulfide	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Carbon tetrachloride	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Chlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Chloroethane	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Chloroform	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Chloromethane	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	118		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Cyclohexanone		2950		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Dibromochloromethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Dibromomethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Dichlorodifluoromethane	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Ethyl acetate	NELAP	1480	J	630	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Ethyl ether	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-001  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-C5.5-W(20)  
**Collection Date:** 10/18/2010 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>								
Ethyl methacrylate	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Ethylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Heptane		590		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Hexachlorobutadiene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Hexachloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Iodomethane	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Isopropylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
m,p-Xylenes	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Methacrylonitrile	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Methyl Methacrylate	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Methyl tert-butyl ether	NELAP	59.0		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Methylacrylate		295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Methylene chloride	NELAP	148	J	49	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Naphthalene	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
n-Butylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
n-Hexane		590		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Nitrobenzene	NELAP	2950		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
n-Propylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
o-Xylene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Pentachloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
p-Isopropyltoluene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Propionitrile	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
sec-Butylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Styrene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
tert-Butylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Tetrachloroethene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Tetrahydrofuran	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Toluene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	118		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Trichloroethene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Trichlorofluoromethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Vinyl acetate	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Vinyl chloride	NELAP	59.0		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.6	%REC	12.5	10/22/2010 11:44:00 AM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		94.6	%REC	12.5	10/22/2010 11:44:00 AM	RWE
Surr: Dibromofluoromethane		77.7-120		97.4	%REC	12.5	10/22/2010 11:44:00 AM	RWE
Surr: Toluene-d8		86-116		105.2	%REC	12.5	10/22/2010 11:44:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-001  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-C5.5-W(20)  
**Collection Date:** 10/18/2010 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		<b>0.132</b>	mg/Kg-dry	1	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.564		<b>&lt; 0.564</b>	mg/Kg-dry	1	10/26/2010 9:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		<b>&lt; 0.56</b>	mg/Kg-dry	1	10/26/2010 3:46:00 PM	KNS

### Sample Narrative

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

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

LCS was outside upper QC limits. Sample was ND.

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 matrix interference.

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-002  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(3)  
**Collection Date:** 10/18/2010 2:14:00 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		16.4	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		83.6	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.23		< 2.23	mg/Kg-dry	1	10/24/2010 12:26:55 AM	LAL
Barium	NELAP	0.45		168	mg/Kg-dry	1	10/24/2010 12:26:55 AM	LAL
Cadmium	NELAP	0.18		0.20	mg/Kg-dry	1	10/24/2010 12:26:55 AM	LAL
Chromium	NELAP	0.89		27.4	mg/Kg-dry	1	10/24/2010 12:26:55 AM	LAL
Lead	NELAP	3.57		31.9	mg/Kg-dry	1	10/24/2010 3:30:32 PM	LAL
Silver	NELAP	0.49		< 0.49	mg/Kg-dry	1	10/24/2010 12:26:55 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	< 0.577	mg/Kg-dry	1	10/22/2010 9:52:28 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.169	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.023	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Anthracene	NELAP	0.004		0.039	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.029	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.029	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.030	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.009	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.010	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.080		ND	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Chrysene	NELAP	0.004		0.030	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Fluoranthene	NELAP	0.004		0.058	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Fluorene	NELAP	0.004		0.053	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Naphthalene	NELAP	0.004		0.108	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Phenanthrene	NELAP	0.004		0.147	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Pyrene	NELAP	0.004		0.077	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		57.8	%REC	1	10/22/2010 9:24:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		67.3	%REC	1	10/22/2010 9:24:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		73.3	%REC	1	10/22/2010 9:24:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-002  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(3)  
**Collection Date:** 10/18/2010 2:14:00 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	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.19		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2-Chloronaphthalene	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2-Chlorophenol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2-Methoxy-4-methylphenol		0.773		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2-Methylnaphthalene	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2-Nitroaniline	NELAP	1.19		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2-Nitrophenol	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
3-Nitroaniline	NELAP	1.19		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.19		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4-Chloroaniline	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4-Nitroaniline	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4-Nitrophenol	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Aniline	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Azobenzene		0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Benzidine	NELAP	1.26		See Note	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Benzoic acid	NELAP	1.78		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Benzyl alcohol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Carbazole		0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Dibenzofuran	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Diethyl phthalate	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Dimethyl phthalate	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Hexachlorobenzene	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-002  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(3)  
**Collection Date:** 10/18/2010 2:14:00 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	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Hexachloroethane	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Isophorone	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
m,p-Cresol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Nitrobenzene	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
o-Cresol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Pentachlorophenol	NELAP	2.38		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Phenol	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Pyridine	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
1,2-Diphenylhydrazine		0.998		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		76.4	%REC	1	10/21/2010 3:17:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		69.6	%REC	1	10/21/2010 3:17:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		72.1	%REC	1	10/21/2010 3:17:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		76.4	%REC	1	10/21/2010 3:17:00 PM	DMH
Surr: Phenol-d5		34.9-110		75.9	%REC	1	10/21/2010 3:17:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		75.3	%REC	1	10/21/2010 3:17:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1-Dichloro-2-propanone		47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1-Dichloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1-Dichloroethene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1-Dichloropropene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2,3-Trichloropropane	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2,3-Trimethylbenzene		4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2-Dibromoethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-002  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(3)  
**Collection Date:** 10/18/2010 2:14:00 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>								
1,2-Dichloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2-Dichloropropane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,3-Dichloropropane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1-Chlorobutane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
2,2-Dichloropropane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
2-Butanone	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
2-Chlorotoluene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
2-Hexanone	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
2-Nitropropane	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
4-Chlorotoluene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
4-Methyl-2-pentanone	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Acetone	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Acrolein	NELAP	95700		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Acrylonitrile	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Allyl chloride	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Benzene	NELAP	957		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Bromobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Bromochloromethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Bromodichloromethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Bromoform	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Bromomethane	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Carbon disulfide	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Carbon tetrachloride	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Chlorobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Chloroethane	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Chloroform	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Chloromethane	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3830		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Cyclohexanone		95700		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Dibromochloromethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Dibromomethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Dichlorodifluoromethane	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Ethyl acetate	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Ethyl ether	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-002  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(3)  
**Collection Date:** 10/18/2010 2:14:00 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	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Ethylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Heptane		19100		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Hexachlorobutadiene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Hexachloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Iodomethane	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Isopropylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
m,p-Xylenes	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Methacrylonitrile	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Methyl Methacrylate	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Methyl tert-butyl ether	NELAP	1910		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Methylacrylate		9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Methylene chloride	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Naphthalene	NELAP	9570		49500	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
n-Butylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
n-Hexane		19100		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Nitrobenzene	NELAP	95700		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
n-Propylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
o-Xylene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Pentachloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
p-Isopropyltoluene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Propionitrile	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
sec-Butylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Styrene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
tert-Butylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Tetrachloroethene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Tetrahydrofuran	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Toluene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3830		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Trichloroethene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Trichlorofluoromethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Vinyl acetate	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Vinyl chloride	NELAP	1910		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		102.8	%REC	500	10/20/2010 5:27:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		100.9	%REC	500	10/20/2010 5:27:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		104.7	%REC	500	10/20/2010 5:27:00 PM	RWE
Surr: Toluene-d8		86-116		99.4	%REC	500	10/20/2010 5:27:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-002  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(3)  
**Collection Date:** 10/18/2010 2:14:00 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>0.030</b>	mg/Kg-dry	1	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		1.20		<b>Interference</b>	mg/Kg-dry	2	10/26/2010 3:46:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.58		<b>&lt; 0.58</b>	mg/Kg-dry	1	10/26/2010 3:46:00 PM	KNS

### Sample Narrative

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

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

LCS was outside upper QC limits. Sample was ND.

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:** 10100792  
**Lab ID:** 10100792-003  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(8)  
**Collection Date:** 10/19/2010 8:10:00 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		15.6	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		84.4	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.47	mg/Kg-dry	1	10/24/2010 12:32:45 AM	LAL
Barium	NELAP	0.48		24.7	mg/Kg-dry	1	10/24/2010 12:32:45 AM	LAL
Cadmium	NELAP	0.19	J	0.17	mg/Kg-dry	1	10/24/2010 12:32:45 AM	LAL
Chromium	NELAP	0.96		19.2	mg/Kg-dry	1	10/24/2010 12:32:45 AM	LAL
Lead	NELAP	3.85		24.8	mg/Kg-dry	1	10/24/2010 3:32:52 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	10/24/2010 12:32:45 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	10/22/2010 9:55:48 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		1.41	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.209	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Anthracene	NELAP	0.004		0.708	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.435	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Benzo(a)pyrene	NELAP	0.040		2.88	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.040		1.98	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.040		1.37	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.040		0.639	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.078		ND	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Chrysene	NELAP	0.004		0.440	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.040		0.290	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Fluoranthene	NELAP	0.004		0.891	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Fluorene	NELAP	0.004		0.814	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.040		0.907	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Naphthalene	NELAP	0.199		33.0	mg/Kg-dry	50	10/25/2010 11:36:00 AM	MAV
Phenanthrene	NELAP	0.040		17.6	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Pyrene	NELAP	0.004		1.20	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		63.5	%REC	1	10/22/2010 10:01:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		58.9	%REC	1	10/22/2010 10:01:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		67.6	%REC	1	10/22/2010 10:01:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
1,2-Dichlorobenzene	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
1,3-Dichlorobenzene	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
1,4-Dichlorobenzene	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-003  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(8)  
**Collection Date:** 10/19/2010 8:10:00 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	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2,4-Dichlorophenol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2,4-Dimethylphenol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2,4-Dinitrophenol	NELAP	5.85		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2,4-Dinitrotoluene	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2,6-Dinitrotoluene	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2-Chloronaphthalene	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2-Chlorophenol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2-Methoxy-4-methylphenol		3.80		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2-Methylnaphthalene	NELAP	2.05		7.51	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2-Nitroaniline	NELAP	5.85		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2-Nitrophenol	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
3-Nitroaniline	NELAP	5.85		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	5.85		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4-Chloroaniline	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4-Nitroaniline	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4-Nitrophenol	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Aniline	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Azobenzene		2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Benzidine	NELAP	6.17		See Note	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Benzoic acid	NELAP	8.77		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Benzyl alcohol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Butyl benzyl phthalate	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Carbazole		2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Dibenzofuran	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Diethyl phthalate	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Dimethyl phthalate	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Di-n-butyl phthalate	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Di-n-octyl phthalate	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Hexachlorobenzene	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
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**Client Project:** A831-735002-012901-225/Ameren C  
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**Collection Date:** 10/19/2010 8:10:00 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	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Hexachloroethane	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Isophorone	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
m,p-Cresol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Nitrobenzene	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
N-Nitrosodimethylamine	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
o-Cresol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Pentachlorophenol	NELAP	11.7		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Phenol	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Pyridine	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
1,2-Diphenylhydrazine		4.91		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		67.0	%REC	5	10/21/2010 3:49:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		70.3	%REC	5	10/21/2010 3:49:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		61.0	%REC	5	10/21/2010 3:49:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		74.0	%REC	5	10/21/2010 3:49:00 PM	DMH
Surr: Phenol-d5		34.9-110		64.2	%REC	5	10/21/2010 3:49:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		74.0	%REC	5	10/21/2010 3:49:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1,1-Trichloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1,2-Trichloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1-Dichloro-2-propanone		34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1-Dichloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1-Dichloroethene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1-Dichloropropene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2,3-Trichloropropane	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2,3-Trimethylbenzene		3450	J	1200	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2-Dibromoethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2-Dichlorobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-003  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(8)  
**Collection Date:** 10/19/2010 8:10:00 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	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2-Dichloropropane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,3-Dichlorobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,3-Dichloropropane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,4-Dichlorobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1-Chlorobutane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
2,2-Dichloropropane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
2-Butanone	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
2-Chlorotoluene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
2-Hexanone	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
2-Nitropropane	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
4-Chlorotoluene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
4-Methyl-2-pentanone	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Acetone	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Acrolein	NELAP	69100		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Acrylonitrile	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Allyl chloride	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Benzene	NELAP	691		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Bromobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Bromochloromethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Bromodichloromethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Bromoform	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Bromomethane	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Carbon disulfide	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Carbon tetrachloride	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Chlorobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Chloroethane	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Chloroform	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Chloromethane	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	2760		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Cyclohexanone		69100		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Dibromochloromethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Dibromomethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Dichlorodifluoromethane	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Ethyl acetate	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Ethyl ether	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-003  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(8)  
**Collection Date:** 10/19/2010 8:10:00 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	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Ethylbenzene	NELAP	3450	J	1200	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Heptane		13800		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Hexachlorobutadiene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Hexachloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Iodomethane	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Isopropylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
m,p-Xylenes	NELAP	3450	J	1500	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Methacrylonitrile	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Methyl Methacrylate	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Methyl tert-butyl ether	NELAP	1380		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Methylacrylate		6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Methylene chloride	NELAP	3450	J	840	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Naphthalene	NELAP	6910		51000	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
n-Butylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
n-Hexane		13800		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Nitrobenzene	NELAP	69100		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
n-Propylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
o-Xylene	NELAP	3450	J	2600	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Pentachloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
p-Isopropyltoluene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Propionitrile	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
sec-Butylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Styrene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
tert-Butylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Tetrachloroethene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Tetrahydrofuran	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Toluene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	2760		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Trichloroethene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Trichlorofluoromethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Vinyl acetate	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Vinyl chloride	NELAP	1380		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		103.9	%REC	500	10/22/2010 12:12:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.1	%REC	500	10/22/2010 12:12:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		104.7	%REC	500	10/22/2010 12:12:00 PM	RWE
Surr: Toluene-d8		86-116		99.6	%REC	500	10/22/2010 12:12:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-003  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(8)  
**Collection Date:** 10/19/2010 8:10:00 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>0.010</b>	mg/Kg-dry	1	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.604	J	<b>0.48</b>	mg/Kg-dry	1	10/26/2010 9:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.59	J	<b>0.48</b>	mg/Kg-dry	1	10/26/2010 3:46:00 PM	KNS

### Sample Narrative

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

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

LCS was outside upper QC limits. Sample was ND.

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:** 10100792

**Client Sample ID:** P6-CD5.5-W(20)

**Lab ID:** 10100792-004

**Collection Date:** 10/19/2010 8:25:00 AM

**Report Date:** 03-Nov-10

**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		11.9	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.1	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.99	mg/Kg-dry	1	10/24/2010 12:48:56 AM	LAL
Barium	NELAP	0.48		20.0	mg/Kg-dry	1	10/24/2010 12:48:56 AM	LAL
Cadmium	NELAP	0.19	J	0.13	mg/Kg-dry	1	10/24/2010 12:48:56 AM	LAL
Chromium	NELAP	0.96		17.0	mg/Kg-dry	1	10/24/2010 12:48:56 AM	LAL
Lead	NELAP	3.85		21.6	mg/Kg-dry	1	10/24/2010 3:42:03 PM	LAL
Silver	NELAP	0.53	J	0.49	mg/Kg-dry	1	10/24/2010 12:48:56 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.600	S	< 0.600	mg/Kg-dry	1	10/22/2010 9:59:14 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.909	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.067	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Anthracene	NELAP	0.004		0.480	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.303	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.329	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.300	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.076	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.109	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Chrysene	NELAP	0.004		0.318	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		0.021	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Fluoranthene	NELAP	0.004		0.583	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Fluorene	NELAP	0.004		0.506	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.064	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Naphthalene	NELAP	0.004		1.29	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Phenanthrene	NELAP	0.004		1.50	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Pyrene	NELAP	0.004		0.844	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		61.1	%REC	1	10/22/2010 10:38:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		61.8	%REC	1	10/22/2010 10:38:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		60.8	%REC	1	10/22/2010 10:38:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
1,2-Dichlorobenzene	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
1,3-Dichlorobenzene	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
1,4-Dichlorobenzene	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-004  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(20)  
**Collection Date:** 10/19/2010 8:25:00 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	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2,4-Dichlorophenol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2,4-Dimethylphenol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2,4-Dinitrophenol	NELAP	5.57		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2,4-Dinitrotoluene	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2,6-Dinitrotoluene	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2-Chloronaphthalene	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2-Chlorophenol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2-Methoxy-4-methylphenol		3.62		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2-Methylnaphthalene	NELAP	1.95		2.77	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2-Nitroaniline	NELAP	5.57		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2-Nitrophenol	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
3-Nitroaniline	NELAP	5.57		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	5.57		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4-Chloroaniline	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4-Nitroaniline	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4-Nitrophenol	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Aniline	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Azobenzene		1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Benzidine	NELAP	5.88		See Note	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Benzoic acid	NELAP	8.36		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Benzyl alcohol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Butyl benzyl phthalate	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Carbazole		2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Dibenzofuran	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Diethyl phthalate	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Dimethyl phthalate	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Di-n-butyl phthalate	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Di-n-octyl phthalate	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Hexachlorobenzene	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-004  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(20)  
**Collection Date:** 10/19/2010 8:25:00 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	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Hexachloroethane	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Isophorone	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
m,p-Cresol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Nitrobenzene	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
N-Nitrosodimethylamine	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
o-Cresol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Pentachlorophenol	NELAP	11.1		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Phenol	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Pyridine	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
1,2-Diphenylhydrazine		4.68		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		50.1	%REC	5	10/21/2010 4:22:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		71.8	%REC	5	10/21/2010 4:22:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		63.5	%REC	5	10/21/2010 4:22:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		70.4	%REC	5	10/21/2010 4:22:00 PM	DMH
Surr: Phenol-d5		34.9-110		70.7	%REC	5	10/21/2010 4:22:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		74.5	%REC	5	10/21/2010 4:22:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1,1-Trichloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1,2-Trichloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1-Dichloro-2-propanone		4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1-Dichloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1-Dichloroethene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1-Dichloropropene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2,3-Trichloropropane	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2,3-Trimethylbenzene		427	J	240	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	427	J	170	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2-Dibromoethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2-Dichlorobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-004  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(20)  
**Collection Date:** 10/19/2010 8:25:00 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	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2-Dichloropropane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,3-Dichlorobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,3-Dichloropropane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,4-Dichlorobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1-Chlorobutane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
2,2-Dichloropropane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
2-Butanone	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
2-Chlorotoluene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
2-Hexanone	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
2-Nitropropane	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
4-Chlorotoluene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
4-Methyl-2-pentanone	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Acetone	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Acrolein	NELAP	8540		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Acrylonitrile	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Allyl chloride	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Benzene	NELAP	85.4		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Bromobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Bromochloromethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Bromodichloromethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Bromoform	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Bromomethane	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Carbon disulfide	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Carbon tetrachloride	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Chlorobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Chloroethane	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Chloroform	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Chloromethane	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	342		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Cyclohexanone		8540		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Dibromochloromethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Dibromomethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Dichlorodifluoromethane	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Ethyl acetate	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Ethyl ether	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 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:** 10100792

**Client Sample ID:** P6-CD5.5-W(20)

**Lab ID:** 10100792-004

**Collection Date:** 10/19/2010 8:25:00 AM

**Report Date:** 03-Nov-10

**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	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Ethylbenzene	NELAP	427	J	210	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Heptane		1710		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Hexachlorobutadiene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Hexachloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Iodomethane	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Isopropylbenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
m,p-Xylenes	NELAP	427	J	96	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Methacrylonitrile	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Methyl Methacrylate	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Methyl tert-butyl ether	NELAP	171		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Methylacrylate		854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Methylene chloride	NELAP	427	J	130	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Naphthalene	NELAP	854		13700	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
n-Butylbenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
n-Hexane		1710		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Nitrobenzene	NELAP	8540		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
n-Propylbenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
o-Xylene	NELAP	427	J	180	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Pentachloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
p-Isopropyltoluene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Propionitrile	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
sec-Butylbenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Styrene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
tert-Butylbenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Tetrachloroethene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Tetrahydrofuran	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Toluene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	342		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Trichloroethene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Trichlorofluoromethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Vinyl acetate	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Vinyl chloride	NELAP	171		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		103.2	%REC	50	10/22/2010 12:41:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		96.7	%REC	50	10/22/2010 12:41:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		102.8	%REC	50	10/22/2010 12:41:00 PM	RWE
Surr: Toluene-d8		86-116		99.3	%REC	50	10/22/2010 12:41:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-004  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(20)  
**Collection Date:** 10/19/2010 8:25:00 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	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.613		<b>&lt; 0.613</b>	mg/Kg-dry	1	10/26/2010 9:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.61		<b>&lt; 0.61</b>	mg/Kg-dry	1	10/26/2010 3:46:00 PM	KNS

### 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

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

LCS was outside upper QC limits. Sample was ND.

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:** 10100792

**Client Sample ID:** P6-D5.5-W(3)

**Lab ID:** 10100792-005

**Collection Date:** 10/19/2010 10:48:00 AM

**Report Date:** 03-Nov-10

**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		22.3	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		77.7	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50	J	1.5	mg/Kg-dry	1	10/24/2010 12:54:32 AM	LAL
Barium	NELAP	0.50		170	mg/Kg-dry	1	10/24/2010 12:54:32 AM	LAL
Cadmium	NELAP	0.20		0.23	mg/Kg-dry	1	10/24/2010 12:54:32 AM	LAL
Chromium	NELAP	1.00		28.7	mg/Kg-dry	1	10/24/2010 12:54:32 AM	LAL
Lead	NELAP	4.00		35.2	mg/Kg-dry	1	10/24/2010 3:44:24 PM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	10/24/2010 12:54:32 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	10/22/2010 10:16:14 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.012	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.086		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Naphthalene	NELAP	0.004		0.008	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		57.3	%REC	1	10/22/2010 11:16:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		69.7	%REC	1	10/22/2010 11:16:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		68.0	%REC	1	10/22/2010 11:16:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-005  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(3)  
**Collection Date:** 10/19/2010 10:48:00 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	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.28		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2-Chloronaphthalene	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2-Chlorophenol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2-Methoxy-4-methylphenol		0.835		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2-Methylnaphthalene	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2-Nitroaniline	NELAP	1.28		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2-Nitrophenol	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
3-Nitroaniline	NELAP	1.28		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.28		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4-Chloroaniline	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4-Nitroaniline	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4-Nitrophenol	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Aniline	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Azobenzene		0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Benzidine	NELAP	1.36		See Note	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Benzoic acid	NELAP	1.93		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Benzyl alcohol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Carbazole		0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Dibenzofuran	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Diethyl phthalate	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Dimethyl phthalate	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Hexachlorobenzene	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-005  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(3)  
**Collection Date:** 10/19/2010 10:48:00 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	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Hexachloroethane	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Isophorone	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
m,p-Cresol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Nitrobenzene	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
o-Cresol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Pentachlorophenol	NELAP	2.57		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Phenol	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Pyridine	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
1,2-Diphenylhydrazine		1.08		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		83.4	%REC	1	10/21/2010 4:54:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		59.5	%REC	1	10/21/2010 4:54:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		73.3	%REC	1	10/21/2010 4:54:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		72.7	%REC	1	10/21/2010 4:54:00 PM	DMH
Surr: Phenol-d5		34.9-110		74.4	%REC	1	10/21/2010 4:54:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		83.2	%REC	1	10/21/2010 4:54:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1-Dichloro-2-propanone		54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1-Dichloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1-Dichloroethene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1-Dichloropropene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2,3-Trimethylbenzene		5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2-Dibromoethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-005  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(3)  
**Collection Date:** 10/19/2010 10:48:00 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	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2-Dichloropropane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,3-Dichloropropane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1-Chlorobutane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
2,2-Dichloropropane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
2-Butanone	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
2-Chlorotoluene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
2-Hexanone	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
2-Nitropropane	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
4-Chlorotoluene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
4-Methyl-2-pentanone	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Acetone	NELAP	54.7	J	53	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Acrolein	NELAP	109		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Acrylonitrile	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Allyl chloride	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Benzene	NELAP	1.1		1.5	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Bromobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Bromochloromethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Bromodichloromethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Bromoform	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Bromomethane	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Carbon disulfide	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Carbon tetrachloride	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Chlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Chloroethane	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Chloroform	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Chloromethane	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Cyclohexanone		109		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Dibromochloromethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Dibromomethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Dichlorodifluoromethane	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Ethyl acetate	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Ethyl ether	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-005  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(3)  
**Collection Date:** 10/19/2010 10:48:00 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	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Ethylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Heptane		21.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Hexachlorobutadiene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Hexachloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Iodomethane	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Isopropylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
m,p-Xylenes	NELAP	5.5	J	1.2	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Methacrylonitrile	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Methyl Methacrylate	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.2		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Methylacrylate		10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Methylene chloride	NELAP	5.5	J	2.7	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Naphthalene	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
n-Butylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
n-Hexane		21.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Nitrobenzene	NELAP	109		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
n-Propylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
o-Xylene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Pentachloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
p-Isopropyltoluene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Propionitrile	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
sec-Butylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Styrene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
tert-Butylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Tetrachloroethene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Tetrahydrofuran	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Toluene	NELAP	5.5	J	1.3	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Trichloroethene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Trichlorofluoromethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Vinyl acetate	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Vinyl chloride	NELAP	2.2		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		106.7	%REC	1	10/20/2010 6:56:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		93.2	%REC	1	10/20/2010 6:56:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		105.7	%REC	1	10/20/2010 6:56:00 PM	RWE
Surr: Toluene-d8		86-116		103.5	%REC	1	10/20/2010 6:56:00 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:** 10100792

**Client Sample ID:** P6-D5.5-W(3)

**Lab ID:** 10100792-005

**Collection Date:** 10/19/2010 10:48:00 AM

**Report Date:** 03-Nov-10

**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	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.644		<b>&lt; 0.644</b>	mg/Kg-dry	1	10/26/2010 9:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.63	J	<b>0.25</b>	mg/Kg-dry	1	10/26/2010 3:46:00 PM	KNS

### Sample Narrative

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

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

LCS was outside upper QC limits. Sample was ND.

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10100792

**Client Sample ID:** P6-D5.5-W(8)

**Lab ID:** 10100792-006

**Collection Date:** 10/19/2010 11:00:00 AM

**Report Date:** 03-Nov-10

**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		14.2	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		85.8	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.32	mg/Kg-dry	1	10/24/2010 1:00:23 AM	LAL
Barium	NELAP	0.50		22.0	mg/Kg-dry	1	10/24/2010 1:00:23 AM	LAL
Cadmium	NELAP	0.20	J	0.13	mg/Kg-dry	1	10/24/2010 1:00:23 AM	LAL
Chromium	NELAP	1.00		15.6	mg/Kg-dry	1	10/24/2010 1:00:23 AM	LAL
Lead	NELAP	4.00		23.4	mg/Kg-dry	1	10/24/2010 3:46:46 PM	LAL
Silver	NELAP	0.55		0.77	mg/Kg-dry	1	10/24/2010 1:00:23 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	10/22/2010 10:19:34 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.250	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.048	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Anthracene	NELAP	0.004		0.051	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.032	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.036	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.041	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.013	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.014	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.077		ND	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Chrysene	NELAP	0.004		0.035	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Fluoranthene	NELAP	0.004		0.063	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Fluorene	NELAP	0.004		0.085	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.009	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Naphthalene	NELAP	0.097		27.8	mg/Kg-dry	25	10/24/2010 7:43:00 PM	MAV
Phenanthrene	NELAP	0.004		0.196	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Pyrene	NELAP	0.004		0.088	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		58.9	%REC	1	10/22/2010 11:53:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		68.8	%REC	1	10/22/2010 11:53:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		60.9	%REC	1	10/22/2010 11:53:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 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:** 10100792

**Client Sample ID:** P6-D5.5-W(8)

**Lab ID:** 10100792-006

**Collection Date:** 10/19/2010 11:00:00 AM

**Report Date:** 03-Nov-10

**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	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.14		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2-Chloronaphthalene	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2-Chlorophenol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2-Methoxy-4-methylphenol		0.742		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2-Methylnaphthalene	NELAP	0.400		1.24	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
3-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.14		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4-Chloroaniline	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4-Nitroaniline	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Aniline	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Azobenzene		0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Benzidine	NELAP	1.21		See Note	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Benzoic acid	NELAP	1.71		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Benzyl alcohol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Carbazole		0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Dibenzofuran	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Diethyl phthalate	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Dimethyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Hexachlorobenzene	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-006  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(8)  
**Collection Date:** 10/19/2010 11:00:00 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	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Hexachloroethane	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Isophorone	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
m,p-Cresol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Nitrobenzene	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
o-Cresol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Pentachlorophenol	NELAP	2.28		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Phenol	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Pyridine	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
1,2-Diphenylhydrazine		0.959		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		75.3	%REC	1	10/21/2010 5:27:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		65.9	%REC	1	10/21/2010 5:27:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		65.2	%REC	1	10/21/2010 5:27:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		73.1	%REC	1	10/21/2010 5:27:00 PM	DMH
Surr: Phenol-d5		34.9-110		71.0	%REC	1	10/21/2010 5:27:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		79.4	%REC	1	10/21/2010 5:27:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1-Dichloro-2-propanone		41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1-Dichloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1-Dichloroethene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1-Dichloropropene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2,3-Trichloropropane	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2,3-Trimethylbenzene		4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2-Dibromoethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 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:** 10100792

**Client Sample ID:** P6-D5.5-W(8)

**Lab ID:** 10100792-006

**Collection Date:** 10/19/2010 11:00:00 AM

**Report Date:** 03-Nov-10

**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	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2-Dichloropropane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,3-Dichloropropane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1-Chlorobutane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
2,2-Dichloropropane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
2-Butanone	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
2-Chlorotoluene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
2-Hexanone	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
2-Nitropropane	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
4-Chlorotoluene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
4-Methyl-2-pentanone	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Acetone	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Acrolein	NELAP	82000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Acrylonitrile	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Allyl chloride	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Benzene	NELAP	820		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Bromobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Bromochloromethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Bromodichloromethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Bromoform	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Bromomethane	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Carbon disulfide	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Carbon tetrachloride	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Chlorobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Chloroethane	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Chloroform	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Chloromethane	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3280		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Cyclohexanone		82000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Dibromochloromethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Dibromomethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Dichlorodifluoromethane	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Ethyl acetate	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Ethyl ether	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-006  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(8)  
**Collection Date:** 10/19/2010 11:00:00 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	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Ethylbenzene	NELAP	4100	J	3000	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Heptane		16400		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Hexachlorobutadiene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Hexachloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Iodomethane	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Isopropylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
m,p-Xylenes	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Methacrylonitrile	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Methyl Methacrylate	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Methyl tert-butyl ether	NELAP	1640		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Methylacrylate		8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Methylene chloride	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Naphthalene	NELAP	8200		29600	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
n-Butylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
n-Hexane		16400		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Nitrobenzene	NELAP	82000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
n-Propylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
o-Xylene	NELAP	4100	J	1700	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Pentachloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
p-Isopropyltoluene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Propionitrile	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
sec-Butylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Styrene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
tert-Butylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Tetrachloroethene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Tetrahydrofuran	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Toluene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3280		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Trichloroethene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Trichlorofluoromethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Vinyl acetate	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Vinyl chloride	NELAP	1640		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		103.6	%REC	500	10/20/2010 7:25:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		100	%REC	500	10/20/2010 7:25:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		103.9	%REC	500	10/20/2010 7:25:00 PM	RWE
Surr: Toluene-d8		86-116		100.2	%REC	500	10/20/2010 7:25:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-006  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(8)  
**Collection Date:** 10/19/2010 11:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.007</b>	mg/Kg-dry	1	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.583		<b>&lt; 0.583</b>	mg/Kg-dry	1	10/26/2010 3:46:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.58	S	<b>&lt; 0.58</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

SW-846 9012A (Total)

Matrix interference present in sample, confirmed by reanalysis.

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

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

LCS was outside upper QC limits. Sample was ND.

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:** 10100792

**Client Sample ID:** P6-D4.5-F(26)

**Lab ID:** 10100792-007

**Collection Date:** 10/19/2010 1:40:00 PM

**Report Date:** 03-Nov-10

**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		<b>10.6</b>	%	1	10/21/2010 3:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		<b>89.4</b>	%	1	10/21/2010 3:30:00 PM	RS

[Sample Narrative](#)

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 6240908012

**Lab Order:** 10100792

**Report Date:** 03-Nov-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100792-001A	P6-C5.5-W(20)	10/18/2010	Solid	SW-846 3050B, 6010B, Metals by ICP	10/21/2010 3:22:17 PM	10/24/2010 12:10:15 AM
				SW-846 3050B, 6010B, Metals by ICP	10/21/2010 3:22:17 PM	10/24/2010 3:23:32 PM
				SW-846 3050B, Metals by GFAA	10/21/2010 1:59:48 PM	10/22/2010 9:49:06 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:54 PM	10/22/2010 7:34:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:59:18 PM	10/21/2010 2:45:00 PM
				SW-846 7471A	10/21/2010 9:04:36 AM	10/21/2010
10100792-001B				EPA SW846 3550C, 5035A, ASTM D2974		10/20/2010 2:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/20/2010 2:30:00 PM
				SW-846 9012A		10/26/2010 9:22:00 AM
				SW-846 9012A (Total)		10/26/2010 3:46:00 PM
10100792-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/20/2010 4:58:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/22/2010 11:44:00 AM
10100792-002A	P6-CD5.5-W(3)			SW-846 3050B, 6010B, Metals by ICP	10/21/2010 3:22:17 PM	10/24/2010 12:26:55 AM
				SW-846 3050B, 6010B, Metals by ICP	10/21/2010 3:22:17 PM	10/24/2010 3:30:32 PM
				SW-846 3050B, Metals by GFAA	10/21/2010 1:59:48 PM	10/22/2010 9:52:28 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:54 PM	10/22/2010 9:24:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:59:18 PM	10/21/2010 3:17:00 PM
				SW-846 7471A	10/21/2010 9:04:36 AM	10/21/2010
10100792-002B				EPA SW846 3550C, 5035A, ASTM D2974		10/20/2010 2:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/20/2010 2:30:00 PM
				SW-846 9012A		10/26/2010 3:46:00 PM
				SW-846 9012A (Total)		10/26/2010 3:46:00 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 6240908012

**Lab Order:** 10100792

**Report Date:** 03-Nov-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100792-002E	P6-CD5.5-W(3)	10/18/2010	Solid	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/20/2010 5:27:00 PM
10100792-003A	P6-CD5.5-W(8)	10/19/2010		SW-846 3050B, 6010B, Metals by ICP	10/21/2010 3:22:18 PM	10/24/2010 12:32:45 AM
				SW-846 3050B, 6010B, Metals by ICP	10/21/2010 3:22:18 PM	10/24/2010 3:32:52 PM
				SW-846 3050B, Metals by GFAA	10/21/2010 1:59:48 PM	10/22/2010 9:55:48 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:55 PM	10/22/2010 10:01:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:55 PM	10/24/2010 7:04:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:55 PM	10/25/2010 11:36:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:59:18 PM	10/21/2010 3:49:00 PM
				SW-846 7471A	10/21/2010 9:04:36 AM	10/21/2010
10100792-003B				EPA SW846 3550C, 5035A, ASTM D2974		10/20/2010 2:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/20/2010 2:30:00 PM
				SW-846 9012A		10/26/2010 9:22:00 AM
				SW-846 9012A (Total)		10/26/2010 3:46:00 PM
10100792-003E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/20/2010 5:56:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/22/2010 12:12:00 PM
10100792-004A	P6-CD5.5-W(20)			SW-846 3050B, 6010B, Metals by ICP	10/21/2010 3:22:18 PM	10/24/2010 12:48:56 AM
				SW-846 3050B, 6010B, Metals by ICP	10/21/2010 3:22:18 PM	10/24/2010 3:42:03 PM
				SW-846 3050B, Metals by GFAA	10/21/2010 1:59:48 PM	10/22/2010 9:59:14 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:55 PM	10/22/2010 10:38:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:59:18 PM	10/21/2010 4:22:00 PM
				SW-846 7471A	10/21/2010 9:04:36 AM	10/21/2010
10100792-004B				EPA SW846 3550C, 5035A, ASTM D2974		10/20/2010 2:30:00 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 6240908012

**Lab Order:** 10100792

**Report Date:** 03-Nov-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100792-004B	P6-CD5.5-W(20)	10/19/2010	Solid	Standard Methods 18th Ed. 2540 G		10/20/2010 2:30:00 PM
				SW-846 9012A		10/26/2010 9:22:00 AM
				SW-846 9012A (Total)		10/26/2010 3:46:00 PM
10100792-004E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/20/2010 6:26:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/22/2010 12:41:00 PM
10100792-005A	P6-D5.5-W(3)			SW-846 3050B, 6010B, Metals by ICP	10/21/2010 3:22:19 PM	10/24/2010 12:54:32 AM
				SW-846 3050B, 6010B, Metals by ICP	10/21/2010 3:22:19 PM	10/24/2010 3:44:24 PM
				SW-846 3050B, Metals by GFAA	10/21/2010 1:59:48 PM	10/22/2010 10:16:14 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:55 PM	10/22/2010 11:16:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:59:18 PM	10/21/2010 4:54:00 PM
				SW-846 7471A	10/21/2010 9:04:36 AM	10/21/2010
10100792-005B				EPA SW846 3550C, 5035A, ASTM D2974		10/20/2010 2:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/20/2010 2:30:00 PM
				SW-846 9012A		10/26/2010 9:22:00 AM
				SW-846 9012A (Total)		10/26/2010 3:46:00 PM
10100792-005E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/20/2010 6:56:00 PM
10100792-006A	P6-D5.5-W(8)			SW-846 3050B, 6010B, Metals by ICP	10/21/2010 3:22:19 PM	10/24/2010 1:00:23 AM
				SW-846 3050B, 6010B, Metals by ICP	10/21/2010 3:22:19 PM	10/24/2010 3:46:46 PM
				SW-846 3050B, Metals by GFAA	10/21/2010 1:59:48 PM	10/22/2010 10:19:34 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:55 PM	10/22/2010 11:53:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:55 PM	10/24/2010 7:43:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:59:18 PM	10/21/2010 5:27:00 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 6240908012

**Lab Order:** 10100792

**Report Date:** 03-Nov-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100792-006A	P6-D5.5-W(8)	10/19/2010	Solid	SW-846 7471A	10/21/2010 9:04:36 AM	10/21/2010
10100792-006B				EPA SW846 3550C, 5035A, ASTM D2974		10/20/2010 2:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/20/2010 2:30:00 PM
				SW-846 9012A		10/26/2010 3:46:00 PM
				SW-846 9012A (Total)		10/26/2010 3:46:00 PM
				SW-846 9012A (Total)		10/29/2010 11:56:00 AM
10100792-006E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/20/2010 7:25:00 PM
10100792-007B	P6-D4.5-F(26)			EPA SW846 3550C, 5035A, ASTM D2974		10/21/2010 3:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/21/2010 3:30:00 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.
- LCSD** Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in 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 6240908012

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MB-R141789</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141789</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141789</b>					Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773600</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-R141789</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141789</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141789</b>					Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773601</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.02 0.01 0.02500 0 99.1 85 115

Sample ID: <b>LCS-R141789</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141789</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141789</b>					Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773602</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.02 0.01 0.02500 0 96.7 85 115

Sample ID: <b>LCS-R141789</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141789</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141789</b>					Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773603</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.02 0.01 0.02500 0 99.8 85 115

Sample ID: <b>LCS-R141777</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141777</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141777</b>					Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773866</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.02 0.01 0.02500 0 99.8 85 115

Sample ID: <b>MB-R141777</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141777</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141777</b>					Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2774029</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 6240908012

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MB-R141777</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141777</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141777</b>					Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2774029</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>MB-R141956</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141956</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141956</b>					Analysis Date: <b>10/29/2010</b>	SeqNo: <b>2777211</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-R141956</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141956</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141956</b>					Analysis Date: <b>10/29/2010</b>	SeqNo: <b>2777212</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.03	0.01	0.02500	0	106.6	85	115				
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Sample ID: <b>MB-R141956</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141956</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141956</b>					Analysis Date: <b>10/29/2010</b>	SeqNo: <b>2777250</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-R141956</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141956</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141956</b>					Analysis Date: <b>10/29/2010</b>	SeqNo: <b>2777251</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.02	0.01	0.02500	0	96.8	85	115				
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Sample ID: <b>10100792-006BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>141956</b>				
Client ID: <b>P6-D5.5-W(8)MS</b>	Batch ID: <b>R141956</b>					Analysis Date: <b>10/29/2010</b>	SeqNo: <b>2777253</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 6240908012

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>10100792-006BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>141956</b>				
Client ID: <b>P6-D5.5-W(8)MS</b>	Batch ID: <b>R141956</b>					Analysis Date: <b>10/29/2010</b>	SeqNo: <b>2777253</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	1.84	0.58	1.456	0	126.2	75	125				S

Sample ID: <b>10100792-006BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>141956</b>				
Client ID: <b>P6-D5.5-W(8)MSD</b>	Batch ID: <b>R141956</b>					Analysis Date: <b>10/29/2010</b>	SeqNo: <b>2777254</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	1.88	0.58	1.456	0	128.8	75	125	1.837	2.04	15	S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: I\_TS\_M\_MT

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCS-R141567</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>141567</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141567</b>		Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767148</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	101.0	90	110				

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>141567</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141567</b>		Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767149</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	101.0	90	110				

Sample ID: <b>10100792-005BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>141567</b>							
Client ID: <b>P6-D5.5-W(3)DUP</b>	Batch ID: <b>R141567</b>		Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767163</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	78.1	0.1						77.66	0.527	15	

Sample ID: <b>LCS-R141617</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>141617</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141617</b>		Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768840</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	101.0	90	110				

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>141617</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141617</b>		Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768841</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	101.0	90	110				

Sample ID: <b>10100792-007BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>141617</b>							
Client ID: <b>P6-D4.5-F(26)DUP</b>	Batch ID: <b>R141617</b>		Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768843</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 6240908012

TestCode: I\_TS\_M\_MT

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>10100792-007BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>141617</b>							
Client ID: <b>P6-D4.5-F(26)DUP</b>	Batch ID: <b>R141617</b>		Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768843</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	89.9	0.1						89.37	0.636	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_HG\_SOLID

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MB-63864</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141596</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63864</b>	<b>SOP 3063</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767997</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-63864</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141596</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63864</b>	<b>SOP 3063</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767998</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.260 0.010 0.2500 0 104.0 85 115

Sample ID: <b>10100792-005AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141596</b>							
Client ID: <b>P6-D5.5-W(3)MS</b>	Batch ID: <b>63864</b>	<b>SOP 3063</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768009</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.364 0.013 0.3179 0.04833 99.2 75 125

Sample ID: <b>10100792-005AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141596</b>							
Client ID: <b>P6-D5.5-W(3)MSD</b>	Batch ID: <b>63864</b>	<b>SOP 3063</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768010</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.375 0.013 0.3179 0.04833 102.6 75 125 0.3637 2.93 15



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_SOLID\_GF

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MB-63870</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141644</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63870</b>	<b>SOP 3042</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2769400</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-63870</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141644</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63870</b>	<b>SOP 3042</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2769401</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.93	0.600	3.000	0	97.8	80	120			
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Sample ID: <b>10100792-004AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141644</b>							
Client ID: <b>P6-CD5.5-W(20)MS</b>	Batch ID: <b>63870</b>	<b>SOP 3042</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2769408</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	1.93	1.20	3.000	0	64.3	70	130			S
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Sample ID: <b>10100792-004AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141644</b>							
Client ID: <b>P6-CD5.5-W(20)MSD</b>	Batch ID: <b>63870</b>	<b>SOP 3042</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2769409</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	1.75	1.20	3.000	0	58.3	70	130	1.930	9.89	20	S
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MB-63875</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141666</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63875</b>	<b>SOP 3032</b>	Analysis Date: <b>10/23/2010</b>	SeqNo: <b>2770211</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				
Silver	< 0.55	0.55	0.5500	0	0	-100	100				

Sample ID: <b>LCS-63875</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141666</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63875</b>	<b>SOP 3032</b>	Analysis Date: <b>10/23/2010</b>	SeqNo: <b>2770212</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	206	2.50	200.0	0	102.8	85	115				
Barium	207	0.50	200.0	0	103.6	85	115				
Cadmium	5.08	0.20	5.000	0	101.6	85	115				
Chromium	21.9	1.00	20.00	0	109.7	85	115				
Silver	5.27	0.55	5.000	0	105.4	85	115				

Sample ID: <b>10100792-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141666</b>							
Client ID: <b>P6-C5.5-W(20)MS</b>	Batch ID: <b>63875</b>	<b>SOP 3032</b>	Analysis Date: <b>10/24/2010</b>	SeqNo: <b>2770217</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	187	2.45	196.1	5.304	92.7	75	125				
Barium	196	0.49	196.1	28.26	85.7	75	125				
Cadmium	4.46	0.20	4.902	0.2353	86.2	75	125				
Chromium	38.9	0.98	19.61	18.95	101.8	75	125				
Silver	5.34	0.54	4.902	0	109.0	75	125				

Sample ID: <b>10100792-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141666</b>							
Client ID: <b>P6-C5.5-W(20)MSD</b>	Batch ID: <b>63875</b>	<b>SOP 3032</b>	Analysis Date: <b>10/24/2010</b>	SeqNo: <b>2770218</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 6240908012

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>10100792-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141666</b>							
Client ID: <b>P6-C5.5-W(20)MSD</b>	Batch ID: <b>63875</b>	<b>SOP 3032</b>	Analysis Date: <b>10/24/2010</b>	SeqNo: <b>2770218</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	198	2.45	196.1	5.304	98.3	75	125	187.1	5.70	20
Barium	197	0.49	196.1	28.26	86.2	75	125	196.4	0.448	20
Cadmium	4.47	0.20	4.902	0.2353	86.4	75	125	4.461	0.220	20
Chromium	38.0	0.98	19.61	18.95	97.0	75	125	38.90	2.42	20
Silver	5.58	0.54	4.902	0	113.8	75	125	5.343	4.31	20

Sample ID: <b>MB-63875</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141668</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63875</b>	<b>SOP 3032</b>	Analysis Date: <b>10/24/2010</b>	SeqNo: <b>2770354</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-63875</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141668</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63875</b>	<b>SOP 3032</b>	Analysis Date: <b>10/24/2010</b>	SeqNo: <b>2770355</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	45.4	4.00	50.00	0	90.9	85	115				
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Sample ID: <b>10100792-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141668</b>							
Client ID: <b>P6-C5.5-W(20)MS</b>	Batch ID: <b>63875</b>	<b>SOP 3032</b>	Analysis Date: <b>10/24/2010</b>	SeqNo: <b>2770360</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	63.0	3.92	49.02	25.76	75.9	75	125				
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Sample ID: <b>10100792-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141668</b>							
Client ID: <b>P6-C5.5-W(20)MSD</b>	Batch ID: <b>63875</b>	<b>SOP 3032</b>	Analysis Date: <b>10/24/2010</b>	SeqNo: <b>2770361</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	65.9	3.92	49.02	25.76	81.8	75	125	62.96	4.54	20
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MB-63875</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141684</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63875</b>	<b>SOP 3032</b>	Analysis Date: <b>10/24/2010</b>	SeqNo: <b>2770876</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-63875</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141684</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63875</b>	<b>SOP 3032</b>	Analysis Date: <b>10/24/2010</b>	SeqNo: <b>2770877</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 50.7 4.00 50.00 0 101.4 85 115

Sample ID: <b>MB-63875</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141705</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63875</b>	<b>SOP 3032</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771555</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-63875</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141705</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63875</b>	<b>SOP 3032</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771556</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 47.3 4.00 50.00 0 94.7 85 115

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MB-63854</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141598</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63854</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767990</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	0.034									
Acenaphthylene	ND	0.034									
Aniline	ND	0.500									
Anthracene	ND	0.034									
Azobenzene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MB-63854</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141598</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63854</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767990</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	0.034									
Benzo(a)pyrene	ND	0.034									
Benzo(b)fluoranthene	ND	0.034									
Benzo(g,h,i)perylene	ND	0.034									
Benzo(k)fluoranthene	ND	0.034									
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	0.034									
Dibenzo(a,h)anthracene	ND	0.034									
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	0.034									
Fluorene	ND	0.034									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.034									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.034									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MB-63854</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/20/2010</b>		RunNo: <b>141598</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63854</b>		<b>SW3550B</b>		Analysis Date: <b>10/21/2010</b>		SeqNo: <b>2767990</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	0.034									
Phenol	ND	0.350									
Pyrene	ND	0.034									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.71		1.670		102.3	52.1	113				
Surr: 2-Fluorobiphenyl	0.714		0.8350		85.5	46.3	106				
Surr: 2-Fluorophenol	1.32		1.670		78.9	50.6	89				
Surr: Nitrobenzene-d5	0.695		0.8350		83.2	42.4	99.2				
Surr: Phenol-d5	1.39		1.670		83.0	55.9	98.5				
Surr: p-Terphenyl-d14	0.846		0.8350		101.4	45.5	115				

Sample ID: <b>LCS-63854</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/20/2010</b>		RunNo: <b>141598</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63854</b>		<b>SW3550B</b>		Analysis Date: <b>10/21/2010</b>		SeqNo: <b>2767991</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.36	0.500	1.670	0	81.3	43.9	92.2				
1,4-Dichlorobenzene	1.25	0.500	1.670	0	74.6	43.8	84.1				
2,4,5-Trichlorophenol	3.26	0.350	3.330	0	97.9	38.6	123				
2,4,6-Trichlorophenol	3.14	0.350	3.330	0	94.2	35.9	123				
2,4-Dimethylphenol	2.72	0.500	3.330	0	81.6	38.3	88				
2,4-Dinitrophenol	3.06	1.00	3.330	0	91.9	1.88	162				
2,4-Dinitrotoluene	1.41	0.350	1.670	0	84.6	48.6	102				
2-Chlorophenol	3.12	0.500	3.330	0	93.7	46.6	84				S
4-Chloro-3-methylphenol	3.03	0.500	3.330	0	90.9	51.5	94.9				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCS-63854</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141598</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63854</b>	<b>SW3550B</b>				Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767991</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	3.74	0.350	3.330	0	112.4	53.2	104				S
Acenaphthene	1.37	0.034	1.670	0	81.9	50.8	113				
Acenaphthylene	1.49	0.034	1.670	0	89.2	52.8	121				
Anthracene	1.25	0.034	1.670	0	74.9	53.3	115				
Benzo(a)anthracene	1.31	0.034	1.670	0	78.5	62.3	110				
Benzo(a)pyrene	1.37	0.034	1.670	0	81.9	58.2	109				
Benzo(b)fluoranthene	1.40	0.034	1.670	0	84.1	51.8	107				
Benzo(g,h,i)perylene	1.66	0.034	1.670	0	99.3	49.6	121				
Benzo(k)fluoranthene	1.59	0.034	1.670	0	95.3	63.1	129				
Bis(2-ethylhexyl)phthalate	1.56	0.350	1.670	0	93.2	56.3	109				
Chrysene	1.40	0.034	1.670	0	83.6	58.4	115				
Dibenzo(a,h)anthracene	1.56	0.034	1.670	0	93.6	54.9	120				
Diethyl phthalate	2.94	0.500	3.330	0	88.4	51.7	106				
Dimethyl phthalate	2.75	0.350	3.330	0	82.5	58.8	104				
Di-n-butyl phthalate	1.43	0.350	1.670	0	85.5	54.3	105				
Fluoranthene	1.40	0.034	1.670	0	83.9	61.6	113				
Fluorene	1.45	0.034	1.670	0	87.0	52.2	116				
Hexachlorobenzene	3.02	0.350	3.330	0	90.7	55.9	106				
Hexachlorobutadiene	2.76	0.500	3.330	0	82.9	35.7	100				
Hexachloroethane	2.60	0.500	3.330	0	78.0	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.60	0.034	1.670	0	96.0	52.7	115				
m,p-Cresol	1.41	0.500	1.670	0	84.2	37.6	93.7				
Naphthalene	1.32	0.034	1.670	0	78.8	45.7	101				
Nitrobenzene	2.54	0.500	3.330	0	76.4	51.8	104				
N-Nitroso-di-n-propylamine	1.28	0.500	1.670	0	76.8	49.1	94.5				
o-Cresol	1.42	0.500	1.670	0	85.0	43	101				
Pentachlorophenol	2.85	2.00	3.330	0	85.7	42.2	102				
Phenanthrene	1.40	0.034	1.670	0	83.6	52.9	113				
Phenol	2.82	0.350	3.330	0	84.8	41.6	81.3				S
Pyrene	1.39	0.034	1.670	0	83.1	60.7	115				
Pyridine	1.74	0.500	3.330	0	52.1	3.61	74.3				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCS-63854</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141598</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63854</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767991</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1.66		1.670		99.5	52.1	113				
Surr: 2-Fluorobiphenyl	0.690		0.8350		82.6	46.3	106				
Surr: 2-Fluorophenol	1.34		1.670		80.2	50.6	89				
Surr: Nitrobenzene-d5	0.649		0.8350		77.8	42.4	99.2				
Surr: Phenol-d5	1.40		1.670		83.8	55.9	98.5				
Surr: p-Terphenyl-d14	0.786		0.8350		94.1	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MB-63853</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141597</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63853</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767924</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	0.765		0.8330		91.8	17.5	123				
Surr: 2-Fluorophenol	1.40		1.670		84.1	23	117				
Surr: Nitrobenzene-d5	0.754		0.8330		90.5	35	105				
Surr: Phenol-d5	1.29		1.670		77.5	33.2	125				
Surr: p-Terphenyl-d14	0.736		0.8330		88.4	53.6	122				

Sample ID: <b>LCS-63853</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141597</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63853</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767925</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.119	0.003	0.1670	0	71.3	56.3	115				
Acenaphthylene	0.123	0.003	0.1670	0	73.4	60.3	143				
Anthracene	0.112	0.003	0.1670	0	66.9	52.1	109				
Benzo(a)anthracene	0.117	0.003	0.1670	0	69.9	52.8	112				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCS-63853</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/20/2010</b>			RunNo: <b>141597</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63853</b>		<b>SW3550B</b>		Analysis Date: <b>10/21/2010</b>			SeqNo: <b>2767925</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(a)pyrene	0.122	0.003	0.1670	0	73.3	40.8	127				
Benzo(b)fluoranthene	0.126	0.003	0.1670	0	75.6	50.1	150				
Benzo(g,h,i)perylene	0.114	0.003	0.1670	0	68.2	52.8	145				
Benzo(k)fluoranthene	0.122	0.003	0.1670	0	73.3	52	153				
Bis(2-ethylhexyl)phthalate	0.155	0.067	0.1670	0	93.0	50	150				
Chrysene	0.126	0.003	0.1670	0	75.3	60.8	128				
Dibenzo(a,h)anthracene	0.127	0.003	0.1670	0	76.0	54.9	150				
Fluoranthene	0.131	0.003	0.1670	0	78.5	58.7	125				
Fluorene	0.125	0.003	0.1670	0	74.6	57.8	125				
Indeno(1,2,3-cd)pyrene	0.128	0.003	0.1670	0	76.5	52	147				
Naphthalene	0.116	0.003	0.1670	0	69.3	54.8	113				
Phenanthrene	0.124	0.003	0.1670	0	74.3	60.4	121				
Pyrene	0.133	0.003	0.1670	0	79.5	57.9	129				
Surr: 2-Fluorobiphenyl	0.643		0.8330		77.2	35.3	113				
Surr: 2-Fluorophenol	1.42		1.670		84.7	13.6	123				
Surr: Nitrobenzene-d5	0.602		0.8330		72.3	33.9	108				
Surr: Phenol-d5	1.38		1.670		82.6	33.7	129				
Surr: p-Terphenyl-d14	0.754		0.8330		90.5	58.4	122				

Sample ID: <b>10100792-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/20/2010</b>			RunNo: <b>141626</b>		
Client ID: <b>P6-C5.5-W(20)MS</b>		Batch ID: <b>63853</b>		<b>SW3550B</b>		Analysis Date: <b>10/22/2010</b>			SeqNo: <b>2768970</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.179	0.004	0.1842	0.02267	85.1	36	135				
Acenaphthylene	0.166	0.004	0.1842	0.009895	84.6	17.2	167				
Anthracene	0.186	0.004	0.1842	0.01397	93.1	39.3	124				
Benzo(a)anthracene	0.202	0.004	0.1842	0.01426	102.1	10	183				
Benzo(a)pyrene	0.232	0.004	0.1842	0.01411	118.1	10	204				
Benzo(b)fluoranthene	0.258	0.004	0.1842	0.01523	131.7	10.6	178				
Benzo(g,h,i)perylene	0.103	0.004	0.1842	0.008588	51.3	10	168				
Benzo(k)fluoranthene	0.191	0.004	0.1842	0.005004	100.8	27.6	181				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: 10100792-001AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 10/20/2010		RunNo: 141626			
Client ID: P6-C5.5-W(20)MS		Batch ID: 63853		SW3550B		Analysis Date: 10/22/2010		SeqNo: 2768970			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-ethylhexyl)phthalate	0.131	0.074	0.1842	0	71.3	50	150				
Chrysene	0.220	0.004	0.1842	0.01445	111.4	10	176				
Dibenzo(a,h)anthracene	0.082	0.004	0.1842	0	44.3	12.2	156				
Fluoranthene	0.361	0.004	0.1842	0.02584	181.8	10	227				
Fluorene	0.181	0.004	0.1842	0.01699	88.8	35.2	148				
Indeno(1,2,3-cd)pyrene	0.103	0.004	0.1842	0.004219	53.5	10	164				
Naphthalene	0.329	0.004	0.1842	0.1091	119.7	14.7	128				
Phenanthrene	0.337	0.004	0.1842	0.06583	147.1	32.8	143				S
Surr: 2-Fluorobiphenyl	0.525		0.9188		57.1	10	131				
Surr: Nitrobenzene-d5	0.526		0.9188		57.2	10	132				
Surr: p-Terphenyl-d14	0.599		0.9188		65.2	30.6	131				

Sample ID: 10100792-001AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 10/20/2010		RunNo: 141626			
Client ID: P6-C5.5-W(20)MSD		Batch ID: 63853		SW3550B		Analysis Date: 10/22/2010		SeqNo: 2768971			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.147	0.004	0.1873	0.02267	66.3	36	135	0.1794	20.0	49.7	
Acenaphthylene	0.145	0.004	0.1873	0.009895	72.1	17.2	167	0.1658	13.4	33.3	
Anthracene	0.138	0.004	0.1873	0.01397	66.3	39.3	124	0.1855	29.3	51.1	
Benzo(a)anthracene	0.174	0.004	0.1873	0.01426	85.1	10	183	0.2023	15.2	40.6	
Benzo(a)pyrene	0.206	0.004	0.1873	0.01411	102.3	10	204	0.2317	11.9	56.4	
Benzo(b)fluoranthene	0.224	0.004	0.1873	0.01523	111.7	10.6	178	0.2578	13.8	49.7	
Benzo(g,h,i)perylene	0.098	0.004	0.1873	0.008588	47.8	10	168	0.1031	4.96	36.5	
Benzo(k)fluoranthene	0.174	0.004	0.1873	0.005004	90.4	27.6	181	0.1907	8.93	42.6	
Bis(2-ethylhexyl)phthalate	0.146	0.075	0.1873	0	78.0	50	150	0.1313	10.7	60.3	
Chrysene	0.196	0.004	0.1873	0.01445	96.8	10	176	0.2196	11.5	45.1	
Dibenzo(a,h)anthracene	0.085	0.004	0.1873	0	45.4	12.2	156	0.08155	4.26	39.9	
Fluoranthene	0.219	0.004	0.1873	0.02584	103.0	10	227	0.3607	49.0	66.2	
Fluorene	0.154	0.004	0.1873	0.01699	72.9	35.2	148	0.1805	16.1	65.6	
Indeno(1,2,3-cd)pyrene	0.098	0.004	0.1873	0.004219	50.0	10	164	0.1028	4.94	36.5	
Naphthalene	0.218	0.004	0.1873	0.1091	58.1	14.7	128	0.3295	40.8	39.6	R

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>10100792-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141626</b>							
Client ID: <b>P6-C5.5-W(20)MSD</b>	Batch ID: <b>63853</b>	<b>SW3550B</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2768971</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	0.212	0.004	0.1873	0.06583	78.2	32.8	143	0.3368	45.3	35.4	R
Surr: 2-Fluorobiphenyl	0.521		0.9344		55.8	10	131		0	40	
Surr: Nitrobenzene-d5	0.522		0.9344		55.9	10	132		0	40	
Surr: p-Terphenyl-d14	0.611		0.9344		65.4	30.6	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCS-G101020-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>					Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767622</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.0	5.0	50.00	0	99.9	0	200				
1,1,1-Trichloroethane	52.7	5.0	50.00	0	105.5	85.6	124				
1,1,2,2-Tetrachloroethane	49.0	5.0	50.00	0	97.9	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	55.5	5.0	50.00	0	110.9	0	200				
1,1,2-Trichloroethane	49.1	5.0	50.00	0	98.2	0	200				
1,1-Dichloro-2-propanone	128	50.0	125.0	0	102.7	0	200				
1,1-Dichloroethane	51.4	5.0	50.00	0	102.8	0	200				
1,1-Dichloroethene	51.9	5.0	50.00	0	103.9	60.1	131				
1,1-Dichloropropene	51.8	5.0	50.00	0	103.6	0	200				
1,2,3-Trichlorobenzene	56.6	5.0	50.00	0	113.3	0	200				
1,2,3-Trichloropropane	50.0	10	50.00	0	100	0	200				
1,2,3-Trimethylbenzene	49.2	5.0	50.00	0	98.4	0	200				
1,2,4-Trichlorobenzene	55.1	5.0	50.00	0	110.2	0	200				
1,2,4-Trimethylbenzene	50.6	5.0	50.00	0	101.1	0	200				
1,2-Dibromo-3-chloropropane	51.2	5.0	50.00	0	102.4	0	200				
1,2-Dibromoethane	50.6	5.0	50.00	0	101.2	86.9	119				
1,2-Dichlorobenzene	50.0	5.0	50.00	0	100	88	119				
1,2-Dichloroethane	53.0	5.0	50.00	0	106.1	73	117				
1,2-Dichloropropane	50.1	5.0	50.00	0	100.2	0	200				
1,3,5-Trimethylbenzene	49.6	5.0	50.00	0	99.3	0	200				
1,3-Dichlorobenzene	49.1	5.0	50.00	0	98.2	85.8	125				
1,3-Dichloropropane	48.8	5.0	50.00	0	97.7	0	200				
1,4-Dichlorobenzene	49.7	5.0	50.00	0	99.5	84.5	124				
1-Chlorobutane	47.6	5.0	50.00	0	95.2	0	200				
2,2-Dichloropropane	50.1	5.0	50.00	0	100.2	0	200				
2-Butanone	130	50.0	125.0	0	103.9	45.3	136				
2-Chlorotoluene	48.6	5.0	50.00	0	97.1	0	200				
2-Hexanone	123	50.0	125.0	0	98.5	0	200				
2-Nitropropane	50	50.0	50.00	0	99.9	0	200				J
4-Chlorotoluene	48.9	5.0	50.00	0	97.8	0	200				
4-Methyl-2-pentanone	127	50.0	125.0	0	101.3	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCS-G101020-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767622</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	152	50.0	125.0	0	121.9	0	200				
Acrylonitrile	46.9	10	50.00	0	93.8	0	200				
Allyl chloride	51.0	5.0	50.00	0	102.0	0	200				
Benzene	50.2	1.0	50.00	0	100.4	73.9	109				
Bromobenzene	49.4	5.0	50.00	0	98.7	0	200				
Bromochloromethane	50.8	5.0	50.00	0	101.5	0	200				
Bromodichloromethane	51.1	5.0	50.00	0	102.2	91.3	126				
Bromoform	49.8	5.0	50.00	0	99.6	0	200				
Bromomethane	49.1	10	50.00	0	98.2	0	200				
Carbon disulfide	53.1	5.0	50.00	0	106.3	0	200				
Carbon tetrachloride	52.9	5.0	50.00	0	105.9	83.3	127				
Chlorobenzene	49.6	5.0	50.00	0	99.3	85.8	116				
Chloroethane	49.8	10	50.00	0	99.6	0	200				
Chloroform	52.4	5.0	50.00	0	104.8	80	113				
Chloromethane	47.4	10	50.00	0	94.9	0	200				
cis-1,2-Dichloroethene	51.5	5.0	50.00	0	103.1	0	200				
cis-1,3-Dichloropropene	51.9	4.0	50.00	0	103.7	0	200				
Cyclohexanone	274	100	250.0	0	109.5	0	200				
Dibromochloromethane	49.5	5.0	50.00	0	99.0	89.1	119				
Dibromomethane	50.6	5.0	50.00	0	101.1	0	200				
Dichlorodifluoromethane	46.8	10	50.00	0	93.5	0	200				
Ethyl acetate	49	50.0	50.00	0	97.2	0	200				J
Ethyl ether	52.7	5.0	50.00	0	105.4	0	200				
Ethyl methacrylate	46.6	5.0	50.00	0	93.1	0	200				
Ethylbenzene	49.5	5.0	50.00	0	99.0	84.1	115				
Heptane	47.7	20.0	50.00	0	95.4	0	200				
Hexachlorobutadiene	53.4	5.0	50.00	0	106.8	0	200				
Hexachloroethane	48.2	5.0	50.00	0	96.5	0	200				
Iodomethane	60.3	10	50.00	0	120.5	0	200				
Isopropylbenzene	49.4	5.0	50.00	0	98.8	0	200				
m,p-Xylenes	98.5	5.0	100.0	0	98.5	79.1	111				

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCS-G101020-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>					Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767622</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	48	50.0	50.00	0	96.4	0	200				J
Methyl Methacrylate	48.1	5.0	50.00	0	96.1	0	200				
Methyl tert-butyl ether	51.8	2.0	50.00	0	103.6	80	128				
Methylacrylate	50.0	10	50.00	0	100	0	200				
Methylene chloride	50.5	5.0	50.00	0	101.0	73.9	116				
Naphthalene	55.9	10	50.00	0	111.8	73.1	135				
n-Butylbenzene	51.3	5.0	50.00	0	102.6	0	200				
n-Hexane	50.2	20.0	50.00	0	100.3	0	200				
Nitrobenzene	74	100	50.00	0	147.4	0	200				J
n-Propylbenzene	49.0	5.0	50.00	0	98.0	0	200				
o-Xylene	47.6	5.0	50.00	0	95.2	82	117				
Pentachloroethane	50.8	5.0	50.00	0	101.7	0	200				
p-Isopropyltoluene	49.8	5.0	50.00	0	99.6	0	200				
Propionitrile	54.9	50.0	50.00	0	109.9	0	200				
sec-Butylbenzene	50.1	5.0	50.00	0	100.1	0	200				
Styrene	49.3	5.0	50.00	0	98.6	0	200				
tert-Butylbenzene	48.5	5.0	50.00	0	96.9	0	200				
Tetrachloroethene	49.8	5.0	50.00	0	99.6	74.6	115				
Tetrahydrofuran	49	50.0	50.00	0	98.7	0	200				J
Toluene	48.6	5.0	50.00	0	97.2	79.1	112				
trans-1,2-Dichloroethene	53.0	5.0	50.00	0	106.0	0	200				
trans-1,3-Dichloropropene	48.1	4.0	50.00	0	96.2	0	200				
Trichloroethene	52.7	5.0	50.00	0	105.3	81	111				
Trichlorofluoromethane	50.2	5.0	50.00	0	100.4	0	200				
Vinyl acetate	50	50.0	50.00	0	99.5	0	200				J
Vinyl chloride	53.3	2.0	50.00	0	106.6	0	200				
Surr: 1,2-Dichloroethane-d4	50.3		50.00		100.7	72.2	131				
Surr: 4-Bromofluorobenzene	50.4		50.00		100.9	82.1	116				
Surr: Dibromofluoromethane	53.5		50.00		106.9	77.7	120				
Surr: Toluene-d8	49.1		50.00		98.3	86	116				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCSD-G101020-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767623</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	49.7	5.0	50.00	0	99.4	0	200	49.95	0.462	20	
1,1,1-Trichloroethane	52.8	5.0	50.00	0	105.6	85.6	124	52.73	0.152	20	
1,1,2,2-Tetrachloroethane	49.0	5.0	50.00	0	98.0	0	200	48.96	0.0613	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	56.6	5.0	50.00	0	113.2	0	200	55.47	2.02	20	
1,1,2-Trichloroethane	49.1	5.0	50.00	0	98.2	0	200	49.12	0.0407	20	
1,1-Dichloro-2-propanone	142	50.0	125.0	0	113.9	0	200	128.4	10.4	20	
1,1-Dichloroethane	52.1	5.0	50.00	0	104.2	0	200	51.41	1.37	20	
1,1-Dichloroethene	52.8	5.0	50.00	0	105.5	60.1	131	51.93	1.60	20	
1,1-Dichloropropene	52.1	5.0	50.00	0	104.2	0	200	51.78	0.597	20	
1,2,3-Trichlorobenzene	54.7	5.0	50.00	0	109.4	0	200	56.65	3.48	20	
1,2,3-Trichloropropane	49.8	10	50.00	0	99.7	0	200	50.01	0.361	20	
1,2,3-Trimethylbenzene	49.3	5.0	50.00	0	98.7	0	200	49.19	0.304	20	
1,2,4-Trichlorobenzene	54.4	5.0	50.00	0	108.8	0	200	55.12	1.30	20	
1,2,4-Trimethylbenzene	50.7	5.0	50.00	0	101.4	0	200	50.56	0.237	20	
1,2-Dibromo-3-chloropropane	48.9	5.0	50.00	0	97.8	0	200	51.18	4.56	20	
1,2-Dibromoethane	50.6	5.0	50.00	0	101.2	86.9	119	50.59	0.0593	20	
1,2-Dichlorobenzene	49.8	5.0	50.00	0	99.7	88	119	49.98	0.301	20	
1,2-Dichloroethane	53.6	5.0	50.00	0	107.2	73	117	53.03	1.05	20	
1,2-Dichloropropane	51.1	5.0	50.00	0	102.1	0	200	50.11	1.90	20	
1,3,5-Trimethylbenzene	50.6	5.0	50.00	0	101.2	0	200	49.64	1.95	20	
1,3-Dichlorobenzene	49.7	5.0	50.00	0	99.5	85.8	125	49.11	1.25	20	
1,3-Dichloropropane	48.7	5.0	50.00	0	97.4	0	200	48.83	0.267	20	
1,4-Dichlorobenzene	49.7	5.0	50.00	0	99.5	84.5	124	49.73	0.0201	20	
1-Chlorobutane	48.3	5.0	50.00	0	96.6	0	200	47.60	1.44	20	
2,2-Dichloropropane	51.0	5.0	50.00	0	102.1	0	200	50.12	1.82	20	
2-Butanone	133	50.0	125.0	0	106.4	45.3	136	129.9	2.38	20	
2-Chlorotoluene	49.2	5.0	50.00	0	98.3	0	200	48.55	1.25	20	
2-Hexanone	120	50.0	125.0	0	96.4	0	200	123.1	2.14	20	
2-Nitropropane	47	50.0	50.00	0	94.2	0	200	49.97	0	20	J
4-Chlorotoluene	49.5	5.0	50.00	0	99.0	0	200	48.88	1.26	20	
4-Methyl-2-pentanone	126	50.0	125.0	0	100.8	0	200	126.6	0.427	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCS-D-G101020-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767623</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	153	50.0	125.0	0	122.6	0	200	152.3	0.589	20	
Acrylonitrile	46.4	10	50.00	0	92.8	0	200	46.89	1.01	20	
Allyl chloride	52.8	5.0	50.00	0	105.6	0	200	51.00	3.45	20	
Benzene	51.0	1.0	50.00	0	102.0	73.9	109	50.20	1.58	20	
Bromobenzene	49.6	5.0	50.00	0	99.2	0	200	49.35	0.546	20	
Bromochloromethane	52.2	5.0	50.00	0	104.4	0	200	50.75	2.82	20	
Bromodichloromethane	52.6	5.0	50.00	0	105.1	91.3	126	51.10	2.84	20	
Bromoform	49.7	5.0	50.00	0	99.4	0	200	49.82	0.281	20	
Bromomethane	48.9	10	50.00	0	97.8	0	200	49.08	0.347	20	
Carbon disulfide	54.8	5.0	50.00	0	109.7	0	200	53.14	3.15	20	
Carbon tetrachloride	53.6	5.0	50.00	0	107.3	83.3	127	52.94	1.31	20	
Chlorobenzene	50.0	5.0	50.00	0	100	85.8	116	49.63	0.723	20	
Chloroethane	50.4	10	50.00	0	100.8	0	200	49.80	1.22	20	
Chloroform	52.7	5.0	50.00	0	105.4	80	113	52.38	0.590	20	
Chloromethane	46.1	10	50.00	0	92.1	0	200	47.43	2.91	20	
cis-1,2-Dichloroethene	52.5	5.0	50.00	0	105.0	0	200	51.53	1.85	20	
cis-1,3-Dichloropropene	51.1	4.0	50.00	0	102.1	0	200	51.87	1.55	20	
Cyclohexanone	322	100	250.0	0	128.7	0	200	273.7	16.1	20	
Dibromochloromethane	49.9	5.0	50.00	0	99.8	89.1	119	49.51	0.765	20	
Dibromomethane	51.2	5.0	50.00	0	102.4	0	200	50.56	1.24	20	
Dichlorodifluoromethane	47.7	10	50.00	0	95.4	0	200	46.76	2.03	20	
Ethyl acetate	48	50.0	50.00	0	95.1	0	200	48.62	0	20	J
Ethyl ether	53.4	5.0	50.00	0	106.8	0	200	52.70	1.36	20	
Ethyl methacrylate	46.2	5.0	50.00	0	92.5	0	200	46.56	0.668	20	
Ethylbenzene	49.7	5.0	50.00	0	99.4	84.1	115	49.52	0.403	20	
Heptane	50.7	20.0	50.00	0	101.4	0	200	47.69	6.08	20	
Hexachlorobutadiene	53.5	5.0	50.00	0	107.0	0	200	53.40	0.150	20	
Hexachloroethane	48.1	5.0	50.00	0	96.3	0	200	48.24	0.228	20	
Iodomethane	67.3	10	50.00	0	134.5	0	200	60.26	11.0	20	
Isopropylbenzene	50.2	5.0	50.00	0	100.4	0	200	49.40	1.57	20	
m,p-Xylenes	98.4	5.0	100.0	0	98.4	79.1	111	98.51	0.102	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCSD-G101020-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767623</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	48	50.0	50.00	0	96.9	0	200	48.19	0	20	J
Methyl Methacrylate	47.7	5.0	50.00	0	95.5	0	200	48.07	0.710	20	
Methyl tert-butyl ether	52.0	2.0	50.00	0	104.0	80	128	51.79	0.366	20	
Methylacrylate	50.2	10	50.00	0	100.5	0	200	50.01	0.459	20	
Methylene chloride	51.0	5.0	50.00	0	102.1	73.9	116	50.48	1.08	20	
Naphthalene	53.8	10	50.00	0	107.6	73.1	135	55.88	3.79	20	
n-Butylbenzene	51.4	5.0	50.00	0	102.8	0	200	51.30	0.214	20	
n-Hexane	52.7	20.0	50.00	0	105.4	0	200	50.17	4.90	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	73.72	0	20	
n-Propylbenzene	49.3	5.0	50.00	0	98.6	0	200	48.99	0.631	20	
o-Xylene	48.3	5.0	50.00	0	96.6	82	117	47.59	1.46	20	
Pentachloroethane	51.2	5.0	50.00	0	102.4	0	200	50.83	0.764	20	
p-Isopropyltoluene	50.4	5.0	50.00	0	100.8	0	200	49.82	1.12	20	
Propionitrile	50.6	50.0	50.00	0	101.2	0	200	54.93	8.17	20	
sec-Butylbenzene	50.8	5.0	50.00	0	101.7	0	200	50.07	1.55	20	
Styrene	49.9	5.0	50.00	0	99.8	0	200	49.28	1.29	20	
tert-Butylbenzene	49.0	5.0	50.00	0	97.9	0	200	48.47	1.01	20	
Tetrachloroethene	49.9	5.0	50.00	0	99.8	74.6	115	49.80	0.241	20	
Tetrahydrofuran	50	50.0	50.00	0	99.8	0	200	49.35	0	20	J
Toluene	48.8	5.0	50.00	0	97.6	79.1	112	48.61	0.390	20	
trans-1,2-Dichloroethene	53.8	5.0	50.00	0	107.6	0	200	52.98	1.52	20	
trans-1,3-Dichloropropene	48.3	4.0	50.00	0	96.6	0	200	48.11	0.394	20	
Trichloroethene	52.7	5.0	50.00	0	105.4	81	111	52.67	0.0949	20	
Trichlorofluoromethane	51.2	5.0	50.00	0	102.4	0	200	50.22	1.89	20	
Vinyl acetate	50.3	50.0	50.00	0	100.6	0	200	49.75	1.08	20	
Vinyl chloride	53.2	2.0	50.00	0	106.4	0	200	53.31	0.169	20	
Surr: 1,2-Dichloroethane-d4	50.2		50.00		100.4	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.1		50.00		100.1	82.1	116		0	20	
Surr: Dibromofluoromethane	52.6		50.00		105.1	77.7	120		0	20	
Surr: Toluene-d8	49.2		50.00		98.4	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MBLK-G101020-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767625</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MBLK-G101020-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767625</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MBLK-G101020-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141581</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63866</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767625</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	1.2	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	51.4		50.00		102.9	72.2	131				
Surr: 4-Bromofluorobenzene	50.5		50.00		101.0	82.1	116				
Surr: Dibromofluoromethane	52.7		50.00		105.5	77.7	120				
Surr: Toluene-d8	49.0		50.00		98.0	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCS-G101022-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>					Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771221</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.7	5.0	50.00	0	101.4	0	200				
1,1,1-Trichloroethane	53.8	5.0	50.00	0	107.6	85.6	124				
1,1,2,2-Tetrachloroethane	50.8	5.0	50.00	0	101.6	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	55.8	5.0	50.00	0	111.6	0	200				
1,1,2-Trichloroethane	49.7	5.0	50.00	0	99.3	0	200				
1,1-Dichloro-2-propanone	152	50.0	125.0	0	121.8	0	200				
1,1-Dichloroethane	52.4	5.0	50.00	0	104.8	0	200				
1,1-Dichloroethene	51.3	5.0	50.00	0	102.7	60.1	131				
1,1-Dichloropropene	52.6	5.0	50.00	0	105.2	0	200				
1,2,3-Trichlorobenzene	57.7	5.0	50.00	0	115.5	0	200				
1,2,3-Trichloropropane	51.8	10	50.00	0	103.6	0	200				
1,2,3-Trimethylbenzene	49.5	5.0	50.00	0	98.9	0	200				
1,2,4-Trichlorobenzene	58.1	5.0	50.00	0	116.2	0	200				
1,2,4-Trimethylbenzene	51.0	5.0	50.00	0	102.0	0	200				
1,2-Dibromo-3-chloropropane	52.8	5.0	50.00	0	105.5	0	200				
1,2-Dibromoethane	52.4	5.0	50.00	0	104.7	86.9	119				
1,2-Dichlorobenzene	50.3	5.0	50.00	0	100.7	88	119				
1,2-Dichloroethane	53.8	5.0	50.00	0	107.7	73	117				
1,2-Dichloropropane	52.0	5.0	50.00	0	104.0	0	200				
1,3,5-Trimethylbenzene	50.3	5.0	50.00	0	100.5	0	200				
1,3-Dichlorobenzene	50.4	5.0	50.00	0	100.8	85.8	125				
1,3-Dichloropropane	50.0	5.0	50.00	0	100	0	200				
1,4-Dichlorobenzene	50.5	5.0	50.00	0	101.1	84.5	124				
1-Chlorobutane	48.1	5.0	50.00	0	96.2	0	200				
2,2-Dichloropropane	51.6	5.0	50.00	0	103.2	0	200				
2-Butanone	159	50.0	125.0	0	127.1	45.3	136				
2-Chlorotoluene	49.4	5.0	50.00	0	98.8	0	200				
2-Hexanone	140	50.0	125.0	0	112.0	0	200				
2-Nitropropane	56.3	50.0	50.00	0	112.6	0	200				
4-Chlorotoluene	50.1	5.0	50.00	0	100.2	0	200				
4-Methyl-2-pentanone	138	50.0	125.0	0	110.3	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCS-G101022-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>					Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771221</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	195	50.0	125.0	0	156.2	0	200				
Acrylonitrile	50.2	10	50.00	0	100.3	0	200				
Allyl chloride	53.5	5.0	50.00	0	107.0	0	200				
Benzene	51.2	1.0	50.00	0	102.3	73.9	109				
Bromobenzene	49.5	5.0	50.00	0	99.1	0	200				
Bromochloromethane	52.4	5.0	50.00	0	104.7	0	200				
Bromodichloromethane	53.4	5.0	50.00	0	106.8	91.3	126				
Bromoform	53.0	5.0	50.00	0	106.0	0	200				
Bromomethane	45.0	10	50.00	0	90.1	0	200				
Carbon disulfide	52.8	5.0	50.00	0	105.6	0	200				
Carbon tetrachloride	54.1	5.0	50.00	0	108.2	83.3	127				
Chlorobenzene	49.9	5.0	50.00	0	99.8	85.8	116				
Chloroethane	48.1	10	50.00	0	96.1	0	200				
Chloroform	53.5	5.0	50.00	0	106.9	80	113				
Chloromethane	40.6	10	50.00	0	81.2	0	200				
cis-1,2-Dichloroethene	52.5	5.0	50.00	0	105.0	0	200				
cis-1,3-Dichloropropene	53.4	4.0	50.00	0	106.8	0	200				
Cyclohexanone	298	100	250.0	0	119.3	0	200				
Dibromochloromethane	50.8	5.0	50.00	0	101.6	89.1	119				
Dibromomethane	53.2	5.0	50.00	0	106.3	0	200				
Dichlorodifluoromethane	35.6	10	50.00	0	71.2	0	200				
Ethyl acetate	51.5	50.0	50.00	0	103.0	0	200				
Ethyl ether	53.6	5.0	50.00	0	107.2	0	200				
Ethyl methacrylate	48.4	5.0	50.00	0	96.9	0	200				
Ethylbenzene	49.6	5.0	50.00	0	99.3	84.1	115				
Heptane	52.1	20.0	50.00	0	104.2	0	200				
Hexachlorobutadiene	55.5	5.0	50.00	0	111.1	0	200				
Hexachloroethane	50.0	5.0	50.00	0	99.9	0	200				
Iodomethane	64.4	10	50.00	0	128.8	0	200				
Isopropylbenzene	50.2	5.0	50.00	0	100.5	0	200				
m,p-Xylenes	99.4	5.0	100.0	0	99.4	79.1	111				



Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCS-G101022-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>					Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771221</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	51.9	50.0	50.00	0	103.8	0	200				
Methyl Methacrylate	51.2	5.0	50.00	0	102.4	0	200				
Methyl tert-butyl ether	53.6	2.0	50.00	0	107.3	80	128				
Methylacrylate	53.4	10	50.00	0	106.8	0	200				
Methylene chloride	51.7	5.0	50.00	0	103.5	73.9	116				
Naphthalene	57.4	10	50.00	0	114.9	73.1	135				
n-Butylbenzene	53.4	5.0	50.00	0	106.7	0	200				
n-Hexane	52.4	20.0	50.00	0	104.8	0	200				
Nitrobenzene	70	100	50.00	0	140.6	0	200				J
n-Propylbenzene	49.9	5.0	50.00	0	99.7	0	200				
o-Xylene	48.1	5.0	50.00	0	96.1	82	117				
Pentachloroethane	52.7	5.0	50.00	0	105.5	0	200				
p-Isopropyltoluene	50.1	5.0	50.00	0	100.2	0	200				
Propionitrile	56.8	50.0	50.00	0	113.6	0	200				
sec-Butylbenzene	51.2	5.0	50.00	0	102.3	0	200				
Styrene	50.1	5.0	50.00	0	100.2	0	200				
tert-Butylbenzene	49.0	5.0	50.00	0	98.0	0	200				
Tetrachloroethene	49.8	5.0	50.00	0	99.6	74.6	115				
Tetrahydrofuran	53.8	50.0	50.00	0	107.7	0	200				
Toluene	48.8	5.0	50.00	0	97.6	79.1	112				
trans-1,2-Dichloroethene	53.7	5.0	50.00	0	107.4	0	200				
trans-1,3-Dichloropropene	49.7	4.0	50.00	0	99.4	0	200				
Trichloroethene	54.0	5.0	50.00	0	107.9	81	111				
Trichlorofluoromethane	49.1	5.0	50.00	0	98.1	0	200				
Vinyl acetate	54.2	50.0	50.00	0	108.4	0	200				
Vinyl chloride	49.4	2.0	50.00	0	98.8	0	200				
Surr: 1,2-Dichloroethane-d4	51.4		50.00		102.7	72.2	131				
Surr: 4-Bromofluorobenzene	50.2		50.00		100.5	82.1	116				
Surr: Dibromofluoromethane	53.0		50.00		106.0	77.7	120				
Surr: Toluene-d8	48.7		50.00		97.4	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCSD-G101022-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771222</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	48.6	5.0	50.00	0	97.2	0	200	50.68	4.21	20	
1,1,1-Trichloroethane	51.1	5.0	50.00	0	102.2	85.6	124	53.79	5.17	20	
1,1,2,2-Tetrachloroethane	47.5	5.0	50.00	0	94.9	0	200	50.82	6.82	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	52.9	5.0	50.00	0	105.8	0	200	55.82	5.37	20	
1,1,2-Trichloroethane	48.4	5.0	50.00	0	96.7	0	200	49.66	2.63	20	
1,1-Dichloro-2-propanone	137	50.0	125.0	0	109.4	0	200	152.3	10.8	20	
1,1-Dichloroethane	51.2	5.0	50.00	0	102.5	0	200	52.38	2.20	20	
1,1-Dichloroethene	49.2	5.0	50.00	0	98.5	60.1	131	51.33	4.14	20	
1,1-Dichloropropene	51.5	5.0	50.00	0	103.0	0	200	52.62	2.11	20	
1,2,3-Trichlorobenzene	57.4	5.0	50.00	0	114.7	0	200	57.73	0.626	20	
1,2,3-Trichloropropane	49.7	10	50.00	0	99.4	0	200	51.79	4.10	20	
1,2,3-Trimethylbenzene	48.8	5.0	50.00	0	97.5	0	200	49.46	1.45	20	
1,2,4-Trichlorobenzene	56.2	5.0	50.00	0	112.5	0	200	58.09	3.24	20	
1,2,4-Trimethylbenzene	49.2	5.0	50.00	0	98.3	0	200	51.00	3.69	20	
1,2-Dibromo-3-chloropropane	52.9	5.0	50.00	0	105.8	0	200	52.77	0.246	20	
1,2-Dibromoethane	49.9	5.0	50.00	0	99.7	86.9	119	52.36	4.89	20	
1,2-Dichlorobenzene	48.9	5.0	50.00	0	97.9	88	119	50.33	2.80	20	
1,2-Dichloroethane	54.1	5.0	50.00	0	108.1	73	117	53.85	0.408	20	
1,2-Dichloropropane	50.3	5.0	50.00	0	100.6	0	200	52.02	3.32	20	
1,3,5-Trimethylbenzene	47.6	5.0	50.00	0	95.2	0	200	50.27	5.50	20	
1,3-Dichlorobenzene	48.6	5.0	50.00	0	97.1	85.8	125	50.40	3.72	20	
1,3-Dichloropropane	47.8	5.0	50.00	0	95.5	0	200	50.02	4.60	20	
1,4-Dichlorobenzene	49.1	5.0	50.00	0	98.1	84.5	124	50.53	2.95	20	
1-Chlorobutane	44.8	5.0	50.00	0	89.7	0	200	48.10	7.02	20	
2,2-Dichloropropane	50.1	5.0	50.00	0	100.1	0	200	51.62	3.07	20	
2-Butanone	156	50.0	125.0	0	125.1	45.3	136	158.9	1.59	20	
2-Chlorotoluene	47.2	5.0	50.00	0	94.5	0	200	49.39	4.43	20	
2-Hexanone	132	50.0	125.0	0	105.3	0	200	140.0	6.13	20	
2-Nitropropane	55.0	50.0	50.00	0	110.0	0	200	56.31	2.32	20	
4-Chlorotoluene	47.8	5.0	50.00	0	95.5	0	200	50.10	4.76	20	
4-Methyl-2-pentanone	136	50.0	125.0	0	108.9	0	200	137.8	1.20	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCS-D-G101022-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>				Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771222</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	187	50.0	125.0	0	149.9	0	200	195.3	4.16	20	
Acrylonitrile	50.4	10	50.00	0	100.9	0	200	50.17	0.557	20	
Allyl chloride	51.8	5.0	50.00	0	103.5	0	200	53.49	3.29	20	
Benzene	50.1	1.0	50.00	0	100.3	73.9	109	51.17	2.05	20	
Bromobenzene	47.0	5.0	50.00	0	93.9	0	200	49.53	5.35	20	
Bromochloromethane	51.4	5.0	50.00	0	102.9	0	200	52.37	1.81	20	
Bromodichloromethane	52.3	5.0	50.00	0	104.6	91.3	126	53.40	2.04	20	
Bromoform	52.4	5.0	50.00	0	104.8	0	200	52.99	1.16	20	
Bromomethane	45.7	10	50.00	0	91.4	0	200	45.03	1.46	20	
Carbon disulfide	50.9	5.0	50.00	0	101.8	0	200	52.79	3.67	20	
Carbon tetrachloride	52.5	5.0	50.00	0	105.1	83.3	127	54.12	2.98	20	
Chlorobenzene	49.1	5.0	50.00	0	98.3	85.8	116	49.89	1.51	20	
Chloroethane	48.3	10	50.00	0	96.5	0	200	48.06	0.436	20	
Chloroform	52.0	5.0	50.00	0	103.9	80	113	53.47	2.85	20	
Chloromethane	43.7	10	50.00	0	87.4	0	200	40.62	7.26	20	
cis-1,2-Dichloroethene	50.9	5.0	50.00	0	101.8	0	200	52.48	3.08	20	
cis-1,3-Dichloropropene	51.4	4.0	50.00	0	102.7	0	200	53.38	3.86	20	
Cyclohexanone	356	100	250.0	0	142.3	0	200	298.2	17.6	20	
Dibromochloromethane	48.9	5.0	50.00	0	97.7	89.1	119	50.81	3.91	20	
Dibromomethane	52.8	5.0	50.00	0	105.5	0	200	53.15	0.755	20	
Dichlorodifluoromethane	36.3	10	50.00	0	72.6	0	200	35.58	1.95	20	
Ethyl acetate	50.9	50.0	50.00	0	101.8	0	200	51.49	1.15	20	
Ethyl ether	52.2	5.0	50.00	0	104.4	0	200	53.62	2.66	20	
Ethyl methacrylate	46.3	5.0	50.00	0	92.6	0	200	48.45	4.54	20	
Ethylbenzene	48.9	5.0	50.00	0	97.9	84.1	115	49.64	1.42	20	
Heptane	53.6	20.0	50.00	0	107.2	0	200	52.08	2.84	20	
Hexachlorobutadiene	54.1	5.0	50.00	0	108.2	0	200	55.54	2.65	20	
Hexachloroethane	46.9	5.0	50.00	0	93.9	0	200	49.97	6.27	20	
Iodomethane	65.4	10	50.00	0	130.8	0	200	64.38	1.57	20	
Isopropylbenzene	50.4	5.0	50.00	0	100.7	0	200	50.25	0.199	20	
m,p-Xylenes	99.1	5.0	100.0	0	99.1	79.1	111	99.39	0.322	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>LCSD-G101022-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>					Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771222</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	52.2	50.0	50.00	0	104.5	0	200	51.91	0.653	20	
Methyl Methacrylate	50.6	5.0	50.00	0	101.2	0	200	51.20	1.14	20	
Methyl tert-butyl ether	52.0	2.0	50.00	0	104.1	80	128	53.64	3.03	20	
Methylacrylate	54.1	10	50.00	0	108.3	0	200	53.40	1.36	20	
Methylene chloride	52.2	5.0	50.00	0	104.3	73.9	116	51.74	0.808	20	
Naphthalene	58.3	10	50.00	0	116.7	73.1	135	57.45	1.54	20	
n-Butylbenzene	52.4	5.0	50.00	0	104.8	0	200	53.36	1.78	20	
n-Hexane	51.9	20.0	50.00	0	103.8	0	200	52.40	0.940	20	
Nitrobenzene	57	100	50.00	0	114.9	0	200	70.29	0	20	J
n-Propylbenzene	47.5	5.0	50.00	0	94.9	0	200	49.87	4.95	20	
o-Xylene	48.2	5.0	50.00	0	96.4	82	117	48.07	0.291	20	
Pentachloroethane	49.4	5.0	50.00	0	98.7	0	200	52.74	6.64	20	
p-Isopropyltoluene	48.3	5.0	50.00	0	96.5	0	200	50.08	3.68	20	
Propionitrile	56.2	50.0	50.00	0	112.4	0	200	56.80	1.03	20	
sec-Butylbenzene	49.5	5.0	50.00	0	99.0	0	200	51.17	3.30	20	
Styrene	50.2	5.0	50.00	0	100.5	0	200	50.10	0.279	20	
tert-Butylbenzene	46.8	5.0	50.00	0	93.7	0	200	48.99	4.49	20	
Tetrachloroethene	47.2	5.0	50.00	0	94.5	74.6	115	49.80	5.28	20	
Tetrahydrofuran	53.4	50.0	50.00	0	106.7	0	200	53.84	0.896	20	
Toluene	47.3	5.0	50.00	0	94.6	79.1	112	48.79	3.10	20	
trans-1,2-Dichloroethene	51.7	5.0	50.00	0	103.4	0	200	53.69	3.80	20	
trans-1,3-Dichloropropene	47.1	4.0	50.00	0	94.2	0	200	49.70	5.35	20	
Trichloroethene	51.6	5.0	50.00	0	103.3	81	111	53.97	4.39	20	
Trichlorofluoromethane	46.8	5.0	50.00	0	93.7	0	200	49.07	4.63	20	
Vinyl acetate	53.2	50.0	50.00	0	106.5	0	200	54.18	1.73	20	
Vinyl chloride	49.0	2.0	50.00	0	98.0	0	200	49.39	0.793	20	
Surr: 1,2-Dichloroethane-d4	51.3		50.00		102.6	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	51.6		50.00		103.1	82.1	116		0	20	
Surr: Dibromofluoromethane	53.2		50.00		106.3	77.7	120		0	20	
Surr: Toluene-d8	48.2		50.00		96.5	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MBLK-G101022-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771253</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Sample ID: <b>MBLK-G101022-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771253</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10100792

Report Date: 03-Nov-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual										
<table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">Sample ID: <b>MBLK-G101022-1</b></td> <td style="width: 20%;">SampType: <b>MBLK</b></td> <td style="width: 20%;">Units: <b>µg/Kg</b></td> <td style="width: 20%;">Prep Date: <b>10/22/2010</b></td> <td style="width: 20%;">RunNo: <b>141693</b></td> </tr> <tr> <td>Client ID: <b>ZZZZZZ</b></td> <td>Batch ID: <b>63924</b></td> <td><b>SW5035</b></td> <td>Analysis Date: <b>10/22/2010</b></td> <td>SeqNo: <b>2771253</b></td> </tr> </table>												Sample ID: <b>MBLK-G101022-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>	Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771253</b>
Sample ID: <b>MBLK-G101022-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>																	
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771253</b>																	
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	1.7	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	51.4		50.00		102.9	72.2	131														
Surr: 4-Bromofluorobenzene	49.6		50.00		99.2	82.1	116														
Surr: Dibromofluoromethane	52.1		50.00		104.1	77.7	120														
Surr: Toluene-d8	49.3		50.00		98.7	86	116														

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 6240908012

**Lab Order:** 10100792

**Report Date:** 03-Nov-10

Carrier: Sean Spinner

Received By: TWM

Completed by:

On:

19-Oct-10

  
Timothy W. Mathis

Reviewed by:

On:

20-Oct-10

  
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 3.4
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 - 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

10100792

COC Serial No. **B** 09948

Project Name: Ameren Champaign Project Mgr.: P. Szazama

Project Number: 624-0908-0120 Cost Code: 5007

Sampler(s): J. Crompton

Laboratory Name: Teklab

Location: Columbia, IL

Sample Number and (depth)

Date

Time

Matrix

Soil

Water

Air

Wipes

Other \*

Total Number of Containers

Analyses by Method Name and Number

Comments (Field PID)

Lab ID #'s

Laboratory Temperature upon Receipt

3.4

Sample Number and (depth)	Date	Time	Matrix	Soil	Water	Air	Wipes	Other *	Total Number of Containers	Analyses by Method Name and Number	Comments (Field PID)	Lab ID #'s
P6 - CS.5 - W(20)	10/18/10	1400		X					6	VOC 8260 SVCS 8270 SIMS SVCS 8270 RCA Metals Total + Ammonia TPH 04-3 CYANIDE	ZS	10100792 001
P6 - CD 5.5 - W(3)	10/18/10	1414		X					6		ZT	002
P6 - CD 5.5 - W(8)	10/19/10	0810		X					6		A	003
P6 - CD 5.5 - W(20)	10/19/10	0825		X					6			004
P6 - DS.5 - W(3)	10/19/10	1048		X					6			005
P6 - DS.5 - W(8)	10/19/10	1100		X					6			006
P6 - D4.5 - F(26)	10/19/10	1340		X					6		*RUSH * Hold S.S.	007
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:**

Requested TAT:  Rush  5 Days  STD  Other

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

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

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

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

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

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

**Relinquished by:**

Signature:

Date: 10/19/10 Time: 1400

**Received by:**

Signature:

Date: 10/19/10 Time: 1705

**Shipping:**

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

**Relinquished by:**

Signature:

Date: 10/19/10 Time: 1400

**Received by:**

Signature:

Date: 10/19/10 Time: 1705

November 01, 2010

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  
6240908012

**WorkOrder:** 10100792

Dear Pete Sazama:

TEKLAB, INC received 7 samples on 10/19/2010 5:05:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. 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/Ameren Champaign 6240908012

**LabOrder:** 10100792

**Report Date:** 01-Nov-10

**Cooler Receipt Temp:** 3.4 °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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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-001  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-C5.5-W(20)  
**Collection Date:** 10/18/2010 2:00:00 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		11.4	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.6	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		5.30	mg/Kg-dry	1	10/24/2010 12:10:15 AM	LAL
Barium	NELAP	0.49		28.3	mg/Kg-dry	1	10/24/2010 12:10:15 AM	LAL
Cadmium	NELAP	0.20		0.24	mg/Kg-dry	1	10/24/2010 12:10:15 AM	LAL
Chromium	NELAP	0.98		19.0	mg/Kg-dry	1	10/24/2010 12:10:15 AM	LAL
Lead	NELAP	3.92		25.8	mg/Kg-dry	1	10/24/2010 3:23:32 PM	LAL
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	10/24/2010 12:10:15 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	< 0.577	mg/Kg-dry	1	10/22/2010 9:49:06 AM	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	10/22/2010 7:34:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.010	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Anthracene	NELAP	0.004		0.014	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.014	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.014	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.015	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.009	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Chrysene	NELAP	0.004		0.014	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Fluoranthene	NELAP	0.004		0.026	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Fluorene	NELAP	0.004		0.017	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.004	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Naphthalene	NELAP	0.004	R	0.109	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Phenanthrene	NELAP	0.004	SR	0.066	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Pyrene	NELAP	0.004		0.044	mg/Kg-dry	1	10/22/2010 7:34:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		68.1	%REC	1	10/22/2010 7:34:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		73.0	%REC	1	10/22/2010 7:34:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		74.0	%REC	1	10/22/2010 7:34:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-001  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-C5.5-W(20)  
**Collection Date:** 10/18/2010 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	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2-Chloronaphthalene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2-Chlorophenol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2-Methoxy-4-methylphenol		0.728		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2-Methylnaphthalene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
2-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4-Chloroaniline	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4-Nitroaniline	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
4-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Aniline	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Azobenzene		0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Benzidine	NELAP	1.18		See Note	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Benzyl alcohol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Carbazole		0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Dibenzofuran	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Diethyl phthalate	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Dimethyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Hexachlorobenzene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH

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**Collection Date:** 10/18/2010 2:00:00 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	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Hexachloroethane	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Isophorone	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
m,p-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Nitrobenzene	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
o-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Phenol	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Pyridine	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
1,2-Diphenylhydrazine		0.941		ND	mg/Kg-dry	1	10/21/2010 2:45:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		59.0	%REC	1	10/21/2010 2:45:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		72.3	%REC	1	10/21/2010 2:45:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		69.7	%REC	1	10/21/2010 2:45:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		75.4	%REC	1	10/21/2010 2:45:00 PM	DMH
Surr: Phenol-d5		34.9-110		75.2	%REC	1	10/21/2010 2:45:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		80.2	%REC	1	10/21/2010 2:45:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1,1-Trichloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1,2-Trichloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1-Dichloro-2-propanone		1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1-Dichloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1-Dichloroethene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,1-Dichloropropene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2,3-Trichloropropane	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2,3-Trimethylbenzene		148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2-Dibromoethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2-Dichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE

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**Collection Date:** 10/18/2010 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	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,2-Dichloropropane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,3-Dichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,3-Dichloropropane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1,4-Dichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
1-Chlorobutane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
2,2-Dichloropropane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
2-Butanone	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
2-Chlorotoluene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
2-Hexanone	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
2-Nitropropane	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
4-Chlorotoluene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
4-Methyl-2-pentanone	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Acetone	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Acrolein	NELAP	2950		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Acrylonitrile	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Allyl chloride	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Benzene	NELAP	29.5		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Bromobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Bromochloromethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Bromodichloromethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Bromoform	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Bromomethane	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Carbon disulfide	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Carbon tetrachloride	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Chlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Chloroethane	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Chloroform	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Chloromethane	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	118		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Cyclohexanone		2950		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Dibromochloromethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Dibromomethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Dichlorodifluoromethane	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Ethyl acetate	NELAP	1480	J	630	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Ethyl ether	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 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

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

**WorkOrder:** 10100792

**Client Sample ID:** P6-C5.5-W(20)

**Lab ID:** 10100792-001

**Collection Date:** 10/18/2010 2:00:00 PM

**Report Date:** 01-Nov-10

**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	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Ethylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Heptane		590		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Hexachlorobutadiene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Hexachloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Iodomethane	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Isopropylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
m,p-Xylenes	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Methacrylonitrile	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Methyl Methacrylate	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Methyl tert-butyl ether	NELAP	59.0		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Methylacrylate		295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Methylene chloride	NELAP	148	J	49	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Naphthalene	NELAP	295		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
n-Butylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
n-Hexane		590		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Nitrobenzene	NELAP	2950		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
n-Propylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
o-Xylene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Pentachloroethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
p-Isopropyltoluene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Propionitrile	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
sec-Butylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Styrene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
tert-Butylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Tetrachloroethene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Tetrahydrofuran	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Toluene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	118		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Trichloroethene	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Trichlorofluoromethane	NELAP	148		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Vinyl acetate	NELAP	1480		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Vinyl chloride	NELAP	59.0		ND	µg/Kg-dry	12.5	10/22/2010 11:44:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.6	%REC	12.5	10/22/2010 11:44:00 AM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		94.6	%REC	12.5	10/22/2010 11:44:00 AM	RWE
Surr: Dibromofluoromethane		77.7-120		97.4	%REC	12.5	10/22/2010 11:44:00 AM	RWE
Surr: Toluene-d8		86-116		105.2	%REC	12.5	10/22/2010 11:44:00 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:** 10100792  
**Lab ID:** 10100792-001  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-C5.5-W(20)  
**Collection Date:** 10/18/2010 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		<b>0.132</b>	mg/Kg-dry	1	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.564		<b>&lt; 0.564</b>	mg/Kg-dry	1	10/26/2010 9:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		<b>&lt; 0.56</b>	mg/Kg-dry	1	10/26/2010 3:46:00 PM	KNS

### Sample Narrative

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

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

LCS was outside upper QC limits. Sample was ND.

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 matrix interference.

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-002  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(3)  
**Collection Date:** 10/18/2010 2:14:00 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		16.4	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		83.6	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.23		< 2.23	mg/Kg-dry	1	10/24/2010 12:26:55 AM	LAL
Barium	NELAP	0.45		168	mg/Kg-dry	1	10/24/2010 12:26:55 AM	LAL
Cadmium	NELAP	0.18		0.20	mg/Kg-dry	1	10/24/2010 12:26:55 AM	LAL
Chromium	NELAP	0.89		27.4	mg/Kg-dry	1	10/24/2010 12:26:55 AM	LAL
Lead	NELAP	3.57		31.9	mg/Kg-dry	1	10/24/2010 3:30:32 PM	LAL
Silver	NELAP	0.49		< 0.49	mg/Kg-dry	1	10/24/2010 12:26:55 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	< 0.577	mg/Kg-dry	1	10/22/2010 9:52:28 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.169	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.023	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Anthracene	NELAP	0.004		0.039	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.029	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.029	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.030	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.009	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.010	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.080		ND	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Chrysene	NELAP	0.004		0.030	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Fluoranthene	NELAP	0.004		0.058	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Fluorene	NELAP	0.004		0.053	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Naphthalene	NELAP	0.004		0.108	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Phenanthrene	NELAP	0.004		0.147	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Pyrene	NELAP	0.004		0.077	mg/Kg-dry	1	10/22/2010 9:24:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		57.8	%REC	1	10/22/2010 9:24:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		67.3	%REC	1	10/22/2010 9:24:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		73.3	%REC	1	10/22/2010 9:24:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 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:** 10100792  
**Lab ID:** 10100792-002  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(3)  
**Collection Date:** 10/18/2010 2:14:00 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	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.19		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2-Chloronaphthalene	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2-Chlorophenol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2-Methoxy-4-methylphenol		0.773		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2-Methylnaphthalene	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2-Nitroaniline	NELAP	1.19		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
2-Nitrophenol	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
3-Nitroaniline	NELAP	1.19		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.19		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4-Chloroaniline	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4-Nitroaniline	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
4-Nitrophenol	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Aniline	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Azobenzene		0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Benzidine	NELAP	1.26		See Note	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Benzoic acid	NELAP	1.78		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Benzyl alcohol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Carbazole		0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Dibenzofuran	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Diethyl phthalate	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Dimethyl phthalate	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Hexachlorobenzene	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH

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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:** 10100792

**Client Sample ID:** P6-CD5.5-W(3)

**Lab ID:** 10100792-002

**Collection Date:** 10/18/2010 2:14:00 PM

**Report Date:** 01-Nov-10

**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	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Hexachloroethane	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Isophorone	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
m,p-Cresol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Nitrobenzene	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
o-Cresol	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Pentachlorophenol	NELAP	2.38		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Phenol	NELAP	0.416		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Pyridine	NELAP	0.594		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
1,2-Diphenylhydrazine		0.998		ND	mg/Kg-dry	1	10/21/2010 3:17:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		76.4	%REC	1	10/21/2010 3:17:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		69.6	%REC	1	10/21/2010 3:17:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		72.1	%REC	1	10/21/2010 3:17:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		76.4	%REC	1	10/21/2010 3:17:00 PM	DMH
Surr: Phenol-d5		34.9-110		75.9	%REC	1	10/21/2010 3:17:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		75.3	%REC	1	10/21/2010 3:17:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1-Dichloro-2-propanone		47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1-Dichloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1-Dichloroethene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,1-Dichloropropene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2,3-Trichloropropane	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2,3-Trimethylbenzene		4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2-Dibromoethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-002  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(3)  
**Collection Date:** 10/18/2010 2:14:00 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>								
1,2-Dichloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,2-Dichloropropane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,3-Dichloropropane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
1-Chlorobutane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
2,2-Dichloropropane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
2-Butanone	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
2-Chlorotoluene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
2-Hexanone	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
2-Nitropropane	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
4-Chlorotoluene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
4-Methyl-2-pentanone	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Acetone	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Acrolein	NELAP	95700		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Acrylonitrile	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Allyl chloride	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Benzene	NELAP	957		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Bromobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Bromochloromethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Bromodichloromethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Bromoform	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Bromomethane	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Carbon disulfide	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Carbon tetrachloride	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Chlorobenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Chloroethane	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Chloroform	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Chloromethane	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3830		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Cyclohexanone		95700		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Dibromochloromethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Dibromomethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Dichlorodifluoromethane	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Ethyl acetate	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Ethyl ether	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-002  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(3)  
**Collection Date:** 10/18/2010 2:14:00 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	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Ethylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Heptane		19100		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Hexachlorobutadiene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Hexachloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Iodomethane	NELAP	9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Isopropylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
m,p-Xylenes	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Methacrylonitrile	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Methyl Methacrylate	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Methyl tert-butyl ether	NELAP	1910		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Methylacrylate		9570		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Methylene chloride	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Naphthalene	NELAP	9570		49500	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
n-Butylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
n-Hexane		19100		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Nitrobenzene	NELAP	95700		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
n-Propylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
o-Xylene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Pentachloroethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
p-Isopropyltoluene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Propionitrile	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
sec-Butylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Styrene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
tert-Butylbenzene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Tetrachloroethene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Tetrahydrofuran	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Toluene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3830		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Trichloroethene	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Trichlorofluoromethane	NELAP	4780		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Vinyl acetate	NELAP	47800		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Vinyl chloride	NELAP	1910		ND	µg/Kg-dry	500	10/20/2010 5:27:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		102.8	%REC	500	10/20/2010 5:27:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		100.9	%REC	500	10/20/2010 5:27:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		104.7	%REC	500	10/20/2010 5:27:00 PM	RWE
Surr: Toluene-d8		86-116		99.4	%REC	500	10/20/2010 5:27:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-002  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(3)  
**Collection Date:** 10/18/2010 2:14:00 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>0.030</b>	mg/Kg-dry	1	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		1.20		<b>Interference</b>	mg/Kg-dry	2	10/26/2010 3:46:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.58		<b>&lt; 0.58</b>	mg/Kg-dry	1	10/26/2010 3:46:00 PM	KNS

### Sample Narrative

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

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

LCS was outside upper QC limits. Sample was ND.

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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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-003  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(8)  
**Collection Date:** 10/19/2010 8:10:00 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		15.6	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		84.4	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.47	mg/Kg-dry	1	10/24/2010 12:32:45 AM	LAL
Barium	NELAP	0.48		24.7	mg/Kg-dry	1	10/24/2010 12:32:45 AM	LAL
Cadmium	NELAP	0.19	J	0.17	mg/Kg-dry	1	10/24/2010 12:32:45 AM	LAL
Chromium	NELAP	0.96		19.2	mg/Kg-dry	1	10/24/2010 12:32:45 AM	LAL
Lead	NELAP	3.85		24.8	mg/Kg-dry	1	10/24/2010 3:32:52 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	10/24/2010 12:32:45 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	10/22/2010 9:55:48 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		1.41	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.209	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Anthracene	NELAP	0.004		0.708	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.435	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Benzo(a)pyrene	NELAP	0.040		2.88	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.040		1.98	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.040		1.37	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.040		0.639	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.078		ND	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Chrysene	NELAP	0.004		0.440	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.040		0.290	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Fluoranthene	NELAP	0.004		0.891	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Fluorene	NELAP	0.004		0.814	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.040		0.907	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Naphthalene	NELAP	0.199		33.0	mg/Kg-dry	50	10/25/2010 11:36:00 AM	MAV
Phenanthrene	NELAP	0.040		17.6	mg/Kg-dry	10	10/24/2010 7:04:00 PM	MAV
Pyrene	NELAP	0.004		1.20	mg/Kg-dry	1	10/22/2010 10:01:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		63.5	%REC	1	10/22/2010 10:01:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		58.9	%REC	1	10/22/2010 10:01:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		67.6	%REC	1	10/22/2010 10:01:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
1,2-Dichlorobenzene	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
1,3-Dichlorobenzene	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
1,4-Dichlorobenzene	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH

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**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(8)  
**Collection Date:** 10/19/2010 8:10:00 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	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2,4-Dichlorophenol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2,4-Dimethylphenol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2,4-Dinitrophenol	NELAP	5.85		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2,4-Dinitrotoluene	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2,6-Dinitrotoluene	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2-Chloronaphthalene	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2-Chlorophenol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2-Methoxy-4-methylphenol		3.80		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2-Methylnaphthalene	NELAP	2.05		7.51	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2-Nitroaniline	NELAP	5.85		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
2-Nitrophenol	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
3-Nitroaniline	NELAP	5.85		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	5.85		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4-Chloroaniline	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4-Nitroaniline	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
4-Nitrophenol	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Aniline	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Azobenzene		2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Benzidine	NELAP	6.17		See Note	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Benzoic acid	NELAP	8.77		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Benzyl alcohol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Butyl benzyl phthalate	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Carbazole		2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Dibenzofuran	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Diethyl phthalate	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Dimethyl phthalate	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Di-n-butyl phthalate	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Di-n-octyl phthalate	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Hexachlorobenzene	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 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:** 10100792  
**Lab ID:** 10100792-003  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(8)  
**Collection Date:** 10/19/2010 8:10:00 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	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Hexachloroethane	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Isophorone	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
m,p-Cresol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Nitrobenzene	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
N-Nitrosodimethylamine	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
o-Cresol	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Pentachlorophenol	NELAP	11.7		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Phenol	NELAP	2.05		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Pyridine	NELAP	2.92		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
1,2-Diphenylhydrazine		4.91		ND	mg/Kg-dry	5	10/21/2010 3:49:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		67.0	%REC	5	10/21/2010 3:49:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		70.3	%REC	5	10/21/2010 3:49:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		61.0	%REC	5	10/21/2010 3:49:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		74.0	%REC	5	10/21/2010 3:49:00 PM	DMH
Surr: Phenol-d5		34.9-110		64.2	%REC	5	10/21/2010 3:49:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		74.0	%REC	5	10/21/2010 3:49:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1,1-Trichloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1,2-Trichloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1-Dichloro-2-propanone		34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1-Dichloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1-Dichloroethene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,1-Dichloropropene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2,3-Trichloropropane	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2,3-Trimethylbenzene		3450	J	1200	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2-Dibromoethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2-Dichlorobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-003  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(8)  
**Collection Date:** 10/19/2010 8:10:00 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	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,2-Dichloropropane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,3-Dichlorobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,3-Dichloropropane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1,4-Dichlorobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
1-Chlorobutane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
2,2-Dichloropropane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
2-Butanone	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
2-Chlorotoluene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
2-Hexanone	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
2-Nitropropane	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
4-Chlorotoluene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
4-Methyl-2-pentanone	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Acetone	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Acrolein	NELAP	69100		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Acrylonitrile	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Allyl chloride	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Benzene	NELAP	691		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Bromobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Bromochloromethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Bromodichloromethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Bromoform	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Bromomethane	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Carbon disulfide	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Carbon tetrachloride	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Chlorobenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Chloroethane	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Chloroform	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Chloromethane	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	2760		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Cyclohexanone		69100		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Dibromochloromethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Dibromomethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Dichlorodifluoromethane	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Ethyl acetate	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Ethyl ether	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-003  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(8)  
**Collection Date:** 10/19/2010 8:10:00 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	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Ethylbenzene	NELAP	3450	J	1200	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Heptane		13800		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Hexachlorobutadiene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Hexachloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Iodomethane	NELAP	6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Isopropylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
m,p-Xylenes	NELAP	3450	J	1500	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Methacrylonitrile	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Methyl Methacrylate	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Methyl tert-butyl ether	NELAP	1380		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Methylacrylate		6910		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Methylene chloride	NELAP	3450	J	840	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Naphthalene	NELAP	6910		51000	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
n-Butylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
n-Hexane		13800		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Nitrobenzene	NELAP	69100		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
n-Propylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
o-Xylene	NELAP	3450	J	2600	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Pentachloroethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
p-Isopropyltoluene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Propionitrile	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
sec-Butylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Styrene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
tert-Butylbenzene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Tetrachloroethene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Tetrahydrofuran	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Toluene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	2760		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Trichloroethene	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Trichlorofluoromethane	NELAP	3450		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Vinyl acetate	NELAP	34500		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Vinyl chloride	NELAP	1380		ND	µg/Kg-dry	500	10/22/2010 12:12:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		103.9	%REC	500	10/22/2010 12:12:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.1	%REC	500	10/22/2010 12:12:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		104.7	%REC	500	10/22/2010 12:12:00 PM	RWE
Surr: Toluene-d8		86-116		99.6	%REC	500	10/22/2010 12:12:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-003  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(8)  
**Collection Date:** 10/19/2010 8:10:00 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>0.010</b>	mg/Kg-dry	1	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.604	J	<b>0.48</b>	mg/Kg-dry	1	10/26/2010 9:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.59	J	<b>0.48</b>	mg/Kg-dry	1	10/26/2010 3:46:00 PM	KNS

### Sample Narrative

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

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

LCS was outside upper QC limits. Sample was ND.

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.

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-004  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(20)  
**Collection Date:** 10/19/2010 8:25:00 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		11.9	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.1	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.99	mg/Kg-dry	1	10/24/2010 12:48:56 AM	LAL
Barium	NELAP	0.48		20.0	mg/Kg-dry	1	10/24/2010 12:48:56 AM	LAL
Cadmium	NELAP	0.19	J	0.13	mg/Kg-dry	1	10/24/2010 12:48:56 AM	LAL
Chromium	NELAP	0.96		17.0	mg/Kg-dry	1	10/24/2010 12:48:56 AM	LAL
Lead	NELAP	3.85		21.6	mg/Kg-dry	1	10/24/2010 3:42:03 PM	LAL
Silver	NELAP	0.53	J	0.49	mg/Kg-dry	1	10/24/2010 12:48:56 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.600	S	< 0.600	mg/Kg-dry	1	10/22/2010 9:59:14 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.909	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.067	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Anthracene	NELAP	0.004		0.480	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.303	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.329	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.300	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.076	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.109	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Chrysene	NELAP	0.004		0.318	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		0.021	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Fluoranthene	NELAP	0.004		0.583	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Fluorene	NELAP	0.004		0.506	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.064	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Naphthalene	NELAP	0.004		1.29	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Phenanthrene	NELAP	0.004		1.50	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Pyrene	NELAP	0.004		0.844	mg/Kg-dry	1	10/22/2010 10:38:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		61.1	%REC	1	10/22/2010 10:38:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		61.8	%REC	1	10/22/2010 10:38:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		60.8	%REC	1	10/22/2010 10:38:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
1,2-Dichlorobenzene	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
1,3-Dichlorobenzene	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
1,4-Dichlorobenzene	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 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:** 10100792  
**Lab ID:** 10100792-004  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(20)  
**Collection Date:** 10/19/2010 8:25:00 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	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2,4-Dichlorophenol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2,4-Dimethylphenol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2,4-Dinitrophenol	NELAP	5.57		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2,4-Dinitrotoluene	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2,6-Dinitrotoluene	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2-Chloronaphthalene	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2-Chlorophenol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2-Methoxy-4-methylphenol		3.62		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2-Methylnaphthalene	NELAP	1.95		2.77	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2-Nitroaniline	NELAP	5.57		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
2-Nitrophenol	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
3-Nitroaniline	NELAP	5.57		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	5.57		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4-Chloroaniline	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4-Nitroaniline	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
4-Nitrophenol	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Aniline	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Azobenzene		1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Benzidine	NELAP	5.88		See Note	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Benzoic acid	NELAP	8.36		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Benzyl alcohol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Butyl benzyl phthalate	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Carbazole		2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Dibenzofuran	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Diethyl phthalate	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Dimethyl phthalate	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Di-n-butyl phthalate	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Di-n-octyl phthalate	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Hexachlorobenzene	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

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**Client Sample ID:** P6-CD5.5-W(20)  
**Collection Date:** 10/19/2010 8:25:00 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	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Hexachloroethane	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Isophorone	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
m,p-Cresol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Nitrobenzene	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
N-Nitrosodimethylamine	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
o-Cresol	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Pentachlorophenol	NELAP	11.1		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Phenol	NELAP	1.95		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Pyridine	NELAP	2.79		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
1,2-Diphenylhydrazine		4.68		ND	mg/Kg-dry	5	10/21/2010 4:22:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		50.1	%REC	5	10/21/2010 4:22:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		71.8	%REC	5	10/21/2010 4:22:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		63.5	%REC	5	10/21/2010 4:22:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		70.4	%REC	5	10/21/2010 4:22:00 PM	DMH
Surr: Phenol-d5		34.9-110		70.7	%REC	5	10/21/2010 4:22:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		74.5	%REC	5	10/21/2010 4:22:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1,1-Trichloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1,2-Trichloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1-Dichloro-2-propanone		4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1-Dichloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1-Dichloroethene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,1-Dichloropropene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2,3-Trichloropropane	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2,3-Trimethylbenzene		427	J	240	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	427	J	170	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2-Dibromoethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2-Dichlorobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-004  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(20)  
**Collection Date:** 10/19/2010 8:25:00 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	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,2-Dichloropropane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,3-Dichlorobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,3-Dichloropropane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1,4-Dichlorobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
1-Chlorobutane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
2,2-Dichloropropane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
2-Butanone	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
2-Chlorotoluene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
2-Hexanone	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
2-Nitropropane	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
4-Chlorotoluene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
4-Methyl-2-pentanone	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Acetone	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Acrolein	NELAP	8540		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Acrylonitrile	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Allyl chloride	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Benzene	NELAP	85.4		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Bromobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Bromochloromethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Bromodichloromethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Bromoform	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Bromomethane	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Carbon disulfide	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Carbon tetrachloride	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Chlorobenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Chloroethane	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Chloroform	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Chloromethane	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	342		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Cyclohexanone		8540		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Dibromochloromethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Dibromomethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Dichlorodifluoromethane	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Ethyl acetate	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Ethyl ether	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-004  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(20)  
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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	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Ethylbenzene	NELAP	427	J	210	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Heptane		1710		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Hexachlorobutadiene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Hexachloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Iodomethane	NELAP	854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Isopropylbenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
m,p-Xylenes	NELAP	427	J	96	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Methacrylonitrile	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Methyl Methacrylate	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Methyl tert-butyl ether	NELAP	171		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Methylacrylate		854		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Methylene chloride	NELAP	427	J	130	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Naphthalene	NELAP	854		13700	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
n-Butylbenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
n-Hexane		1710		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Nitrobenzene	NELAP	8540		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
n-Propylbenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
o-Xylene	NELAP	427	J	180	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Pentachloroethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
p-Isopropyltoluene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Propionitrile	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
sec-Butylbenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Styrene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
tert-Butylbenzene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Tetrachloroethene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Tetrahydrofuran	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Toluene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	342		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Trichloroethene	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Trichlorofluoromethane	NELAP	427		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Vinyl acetate	NELAP	4270		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Vinyl chloride	NELAP	171		ND	µg/Kg-dry	50	10/22/2010 12:41:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		103.2	%REC	50	10/22/2010 12:41:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		96.7	%REC	50	10/22/2010 12:41:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		102.8	%REC	50	10/22/2010 12:41:00 PM	RWE
Surr: Toluene-d8		86-116		99.3	%REC	50	10/22/2010 12:41:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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**Lab ID:** 10100792-004  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-CD5.5-W(20)  
**Collection Date:** 10/19/2010 8:25:00 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	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.613		<b>&lt; 0.613</b>	mg/Kg-dry	1	10/26/2010 9:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.61		<b>&lt; 0.61</b>	mg/Kg-dry	1	10/26/2010 3:46:00 PM	KNS

### 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

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

LCS was outside upper QC limits. Sample was ND.

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

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

**WorkOrder:** 10100792

**Client Sample ID:** P6-D5.5-W(3)

**Lab ID:** 10100792-005

**Collection Date:** 10/19/2010 10:48:00 AM

**Report Date:** 01-Nov-10

**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		22.3	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		77.7	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50	J	1.5	mg/Kg-dry	1	10/24/2010 12:54:32 AM	LAL
Barium	NELAP	0.50		170	mg/Kg-dry	1	10/24/2010 12:54:32 AM	LAL
Cadmium	NELAP	0.20		0.23	mg/Kg-dry	1	10/24/2010 12:54:32 AM	LAL
Chromium	NELAP	1.00		28.7	mg/Kg-dry	1	10/24/2010 12:54:32 AM	LAL
Lead	NELAP	4.00		35.2	mg/Kg-dry	1	10/24/2010 3:44:24 PM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	10/24/2010 12:54:32 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	10/22/2010 10:16:14 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.012	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.086		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Naphthalene	NELAP	0.004		0.008	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:16:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		57.3	%REC	1	10/22/2010 11:16:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		69.7	%REC	1	10/22/2010 11:16:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		68.0	%REC	1	10/22/2010 11:16:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 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:** 10100792  
**Lab ID:** 10100792-005  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(3)  
**Collection Date:** 10/19/2010 10:48:00 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	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.28		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2-Chloronaphthalene	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2-Chlorophenol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2-Methoxy-4-methylphenol		0.835		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2-Methylnaphthalene	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2-Nitroaniline	NELAP	1.28		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
2-Nitrophenol	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
3-Nitroaniline	NELAP	1.28		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.28		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4-Chloroaniline	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4-Nitroaniline	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
4-Nitrophenol	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Aniline	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Azobenzene		0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Benzidine	NELAP	1.36		See Note	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Benzoic acid	NELAP	1.93		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Benzyl alcohol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Carbazole		0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Dibenzofuran	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Diethyl phthalate	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Dimethyl phthalate	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Hexachlorobenzene	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 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:** 10100792  
**Lab ID:** 10100792-005  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(3)  
**Collection Date:** 10/19/2010 10:48:00 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	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Hexachloroethane	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Isophorone	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
m,p-Cresol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Nitrobenzene	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
o-Cresol	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Pentachlorophenol	NELAP	2.57		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Phenol	NELAP	0.450		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Pyridine	NELAP	0.642		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
1,2-Diphenylhydrazine		1.08		ND	mg/Kg-dry	1	10/21/2010 4:54:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		83.4	%REC	1	10/21/2010 4:54:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		59.5	%REC	1	10/21/2010 4:54:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		73.3	%REC	1	10/21/2010 4:54:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		72.7	%REC	1	10/21/2010 4:54:00 PM	DMH
Surr: Phenol-d5		34.9-110		74.4	%REC	1	10/21/2010 4:54:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		83.2	%REC	1	10/21/2010 4:54:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1-Dichloro-2-propanone		54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1-Dichloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1-Dichloroethene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,1-Dichloropropene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2,3-Trimethylbenzene		5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2-Dibromoethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-005  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(3)  
**Collection Date:** 10/19/2010 10:48:00 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	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,2-Dichloropropane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,3-Dichloropropane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
1-Chlorobutane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
2,2-Dichloropropane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
2-Butanone	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
2-Chlorotoluene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
2-Hexanone	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
2-Nitropropane	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
4-Chlorotoluene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
4-Methyl-2-pentanone	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Acetone	NELAP	54.7	J	53	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Acrolein	NELAP	109		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Acrylonitrile	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Allyl chloride	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Benzene	NELAP	1.1		1.5	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Bromobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Bromochloromethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Bromodichloromethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Bromoform	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Bromomethane	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Carbon disulfide	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Carbon tetrachloride	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Chlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Chloroethane	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Chloroform	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Chloromethane	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Cyclohexanone		109		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Dibromochloromethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Dibromomethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Dichlorodifluoromethane	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Ethyl acetate	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Ethyl ether	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10100792

**Client Sample ID:** P6-D5.5-W(3)

**Lab ID:** 10100792-005

**Collection Date:** 10/19/2010 10:48:00 AM

**Report Date:** 01-Nov-10

**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	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Ethylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Heptane		21.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Hexachlorobutadiene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Hexachloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Iodomethane	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Isopropylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
m,p-Xylenes	NELAP	5.5	J	1.2	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Methacrylonitrile	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Methyl Methacrylate	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.2		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Methylacrylate		10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Methylene chloride	NELAP	5.5	J	2.7	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Naphthalene	NELAP	10.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
n-Butylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
n-Hexane		21.9		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Nitrobenzene	NELAP	109		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
n-Propylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
o-Xylene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Pentachloroethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
p-Isopropyltoluene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Propionitrile	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
sec-Butylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Styrene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
tert-Butylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Tetrachloroethene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Tetrahydrofuran	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Toluene	NELAP	5.5	J	1.3	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Trichloroethene	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Trichlorofluoromethane	NELAP	5.5		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Vinyl acetate	NELAP	54.7		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Vinyl chloride	NELAP	2.2		ND	µg/Kg-dry	1	10/20/2010 6:56:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		106.7	%REC	1	10/20/2010 6:56:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		93.2	%REC	1	10/20/2010 6:56:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		105.7	%REC	1	10/20/2010 6:56:00 PM	RWE
Surr: Toluene-d8		86-116		103.5	%REC	1	10/20/2010 6:56:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-005  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(3)  
**Collection Date:** 10/19/2010 10:48:00 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>0.048</b>	mg/Kg-dry	1	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.644		<b>&lt; 0.644</b>	mg/Kg-dry	1	10/26/2010 9:22:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.63	J	<b>0.25</b>	mg/Kg-dry	1	10/26/2010 3:46:00 PM	KNS

### Sample Narrative

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

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

LCS was outside upper QC limits. Sample was ND.

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-006  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(8)  
**Collection Date:** 10/19/2010 11:00:00 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		14.2	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		85.8	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.32	mg/Kg-dry	1	10/24/2010 1:00:23 AM	LAL
Barium	NELAP	0.50		22.0	mg/Kg-dry	1	10/24/2010 1:00:23 AM	LAL
Cadmium	NELAP	0.20	J	0.13	mg/Kg-dry	1	10/24/2010 1:00:23 AM	LAL
Chromium	NELAP	1.00		15.6	mg/Kg-dry	1	10/24/2010 1:00:23 AM	LAL
Lead	NELAP	4.00		23.4	mg/Kg-dry	1	10/24/2010 3:46:46 PM	LAL
Silver	NELAP	0.55		0.77	mg/Kg-dry	1	10/24/2010 1:00:23 AM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	10/22/2010 10:19:34 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.250	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.048	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Anthracene	NELAP	0.004		0.051	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.032	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.036	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.041	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.013	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.014	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.077		ND	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Chrysene	NELAP	0.004		0.035	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Fluoranthene	NELAP	0.004		0.063	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Fluorene	NELAP	0.004		0.085	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.009	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Naphthalene	NELAP	0.097		27.8	mg/Kg-dry	25	10/24/2010 7:43:00 PM	MAV
Phenanthrene	NELAP	0.004		0.196	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Pyrene	NELAP	0.004		0.088	mg/Kg-dry	1	10/22/2010 11:53:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		58.9	%REC	1	10/22/2010 11:53:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		68.8	%REC	1	10/22/2010 11:53:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		60.9	%REC	1	10/22/2010 11:53:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100792  
**Lab ID:** 10100792-006  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(8)  
**Collection Date:** 10/19/2010 11:00:00 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	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.14		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2-Chloronaphthalene	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2-Chlorophenol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2-Methoxy-4-methylphenol		0.742		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2-Methylnaphthalene	NELAP	0.400		1.24	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
2-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
3-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.14		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4-Chloroaniline	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4-Nitroaniline	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
4-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Aniline	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Azobenzene		0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Benzidine	NELAP	1.21		See Note	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Benzoic acid	NELAP	1.71		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Benzyl alcohol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Carbazole		0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Dibenzofuran	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Diethyl phthalate	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Dimethyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Hexachlorobenzene	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10100792

**Lab ID:** 10100792-006

**Report Date:** 01-Nov-10

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

**Client Sample ID:** P6-D5.5-W(8)

**Collection Date:** 10/19/2010 11:00:00 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	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Hexachloroethane	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Isophorone	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
m,p-Cresol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Nitrobenzene	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
o-Cresol	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Pentachlorophenol	NELAP	2.28		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Phenol	NELAP	0.400		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Pyridine	NELAP	0.571		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
1,2-Diphenylhydrazine		0.959		ND	mg/Kg-dry	1	10/21/2010 5:27:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		75.3	%REC	1	10/21/2010 5:27:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		65.9	%REC	1	10/21/2010 5:27:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		65.2	%REC	1	10/21/2010 5:27:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		73.1	%REC	1	10/21/2010 5:27:00 PM	DMH
Surr: Phenol-d5		34.9-110		71.0	%REC	1	10/21/2010 5:27:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		79.4	%REC	1	10/21/2010 5:27:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1-Dichloro-2-propanone		41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1-Dichloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1-Dichloroethene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,1-Dichloropropene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2,3-Trichloropropane	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2,3-Trimethylbenzene		4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2-Dibromoethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 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:** 10100792  
**Lab ID:** 10100792-006  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(8)  
**Collection Date:** 10/19/2010 11:00:00 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	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,2-Dichloropropane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,3-Dichloropropane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
1-Chlorobutane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
2,2-Dichloropropane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
2-Butanone	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
2-Chlorotoluene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
2-Hexanone	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
2-Nitropropane	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
4-Chlorotoluene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
4-Methyl-2-pentanone	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Acetone	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Acrolein	NELAP	82000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Acrylonitrile	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Allyl chloride	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Benzene	NELAP	820		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Bromobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Bromochloromethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Bromodichloromethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Bromoform	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Bromomethane	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Carbon disulfide	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Carbon tetrachloride	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Chlorobenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Chloroethane	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Chloroform	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Chloromethane	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3280		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Cyclohexanone		82000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Dibromochloromethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Dibromomethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Dichlorodifluoromethane	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Ethyl acetate	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Ethyl ether	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 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:** 10100792

**Lab ID:** 10100792-006

**Report Date:** 01-Nov-10

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

**Client Sample ID:** P6-D5.5-W(8)

**Collection Date:** 10/19/2010 11:00:00 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	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Ethylbenzene	NELAP	4100	J	3000	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Heptane		16400		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Hexachlorobutadiene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Hexachloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Iodomethane	NELAP	8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Isopropylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
m,p-Xylenes	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Methacrylonitrile	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Methyl Methacrylate	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Methyl tert-butyl ether	NELAP	1640		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Methylacrylate		8200		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Methylene chloride	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Naphthalene	NELAP	8200		29600	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
n-Butylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
n-Hexane		16400		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Nitrobenzene	NELAP	82000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
n-Propylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
o-Xylene	NELAP	4100	J	1700	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Pentachloroethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
p-Isopropyltoluene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Propionitrile	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
sec-Butylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Styrene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
tert-Butylbenzene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Tetrachloroethene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Tetrahydrofuran	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Toluene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3280		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Trichloroethene	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Trichlorofluoromethane	NELAP	4100		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Vinyl acetate	NELAP	41000		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Vinyl chloride	NELAP	1640		ND	µg/Kg-dry	500	10/20/2010 7:25:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		103.6	%REC	500	10/20/2010 7:25:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		100	%REC	500	10/20/2010 7:25:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		103.9	%REC	500	10/20/2010 7:25:00 PM	RWE
Surr: Toluene-d8		86-116		100.2	%REC	500	10/20/2010 7:25:00 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:** 10100792  
**Lab ID:** 10100792-006  
**Report Date:** 01-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D5.5-W(8)  
**Collection Date:** 10/19/2010 11:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.007</b>	mg/Kg-dry	1	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.583		<b>&lt; 0.583</b>	mg/Kg-dry	1	10/26/2010 3:46:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.58	S	<b>&lt; 0.58</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

SW-846 9012A (Total)

Matrix interference present in sample, confirmed by reanalysis.

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

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

LCS was outside upper QC limits. Sample was ND.

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

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

**WorkOrder:** 10100792

**Client Sample ID:** P6-D4.5-F(26)

**Lab ID:** 10100792-007

**Collection Date:** 10/19/2010 1:40:00 PM

**Report Date:** 01-Nov-10

**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		<b>10.6</b>	%	1	10/21/2010 3:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		<b>89.4</b>	%	1	10/21/2010 3:30:00 PM	RS

[Sample Narrative](#)

## PRELIMINARY REPORT

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October 22, 2010

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  
6240908012

**WorkOrder:** 10100831

Dear Pete Sazama:

TEKLAB, INC received 4 samples on 10/20/2010 3:20:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. 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 6240908012

**Lab Order:** 10100831

**Report Date:** 22-Oct-10

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10100831-001	P6-D3-F(25)	5	10/20/2010 7:44:00 AM
10100831-002	P6-D3-F(26)	5	10/20/2010 7:55:00 AM
10100831-003	P6-D4.5-F(25)	5	10/20/2010 9:25:00 AM
10100831-004	P6-D4.5-F(26)	5	10/20/2010 9:40:00 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 6240908012

**LabOrder:** 10100831

**Report Date:** 22-Oct-10

**Cooler Receipt Temp:** 12.6 °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

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

**WorkOrder:** 10100831

**Client Sample ID:** P6-D3-F(25)

**Lab ID:** 10100831-001

**Collection Date:** 10/20/2010 7:44:00 AM

**Report Date:** 22-Oct-10

**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		11.0	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.0	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		3.21	mg/Kg-dry	1	10/21/2010 2:08:50 PM	JMW
Barium	NELAP	0.47		16.7	mg/Kg-dry	1	10/21/2010 2:08:50 PM	JMW
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	10/21/2010 2:08:50 PM	JMW
Chromium	NELAP	0.94		15.3	mg/Kg-dry	1	10/21/2010 2:08:50 PM	JMW
Lead	NELAP	3.77		9.12	mg/Kg-dry	1	10/21/2010 2:08:50 PM	JMW
Silver	NELAP	0.52		0.57	mg/Kg-dry	1	10/21/2010 2:08:50 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.556	< 0.556	mg/Kg-dry	1	10/21/2010 12:12:26 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	5.61	S	36.8	mg/Kg-dry	1	10/21/2010 9:56:00 AM	DMH
Kerosene	NELAP	5.61		ND	mg/Kg-dry	1	10/21/2010 9:56:00 AM	DMH
Mineral Spirits	NELAP	5.61		ND	mg/Kg-dry	1	10/21/2010 9:56:00 AM	DMH
Motor Oil	NELAP	5.61	#	24.3	mg/Kg-dry	1	10/21/2010 9:56:00 AM	DMH
Surr: n-Tetracontane		50.6-140		105.5	%REC	1	10/21/2010 9:56:00 AM	DMH
<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	10/21/2010 4:23:00 PM	MAV
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004	J	0.003	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.008	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Chrysene	NELAP	0.004		0.005	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Fluorene	NELAP	0.004		0.004	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Naphthalene	NELAP	0.004		0.038	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Phenanthrene	NELAP	0.004		0.023	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Pyrene	NELAP	0.004		0.008	mg/Kg-dry	1	10/21/2010 4:23:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		88.3	%REC	1	10/21/2010 4:23:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		80.6	%REC	1	10/21/2010 4:23:00 PM	MAV

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-001  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D3-F(25)  
**Collection Date:** 10/20/2010 7:44:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: p-Terphenyl-d14		30.6-131		<b>99.4</b>	%REC	1	10/21/2010 4:23:00 PM	MAW
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.12		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
2-Chloronaphthalene	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
2-Chlorophenol	NELAP	0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
2-Methoxy-4-methylphenol		0.729		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
2-Methylnaphthalene	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
2-Nitroaniline	NELAP	1.12		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
2-Nitrophenol	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
3-Nitroaniline	NELAP	1.12		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.12		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
4-Chloroaniline	NELAP	0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
4-Nitroaniline	NELAP	0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
4-Nitrophenol	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Aniline	NELAP	0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Azobenzene		0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Benzidine	NELAP	1.18		<b>see note</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Benzoic acid	NELAP	1.68		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Benzyl alcohol	NELAP	0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.392		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Carbazole		0.560		<b>ND</b>	mg/Kg-dry	1	10/21/2010 11:31:00 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:** 10100831

**Client Sample ID:** P6-D3-F(25)

**Lab ID:** 10100831-001

**Collection Date:** 10/20/2010 7:44:00 AM

**Report Date:** 22-Oct-10

**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>								
Dibenzofuran	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Diethyl phthalate	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Dimethyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Hexachlorobenzene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Hexachlorobutadiene	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Hexachloroethane	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Isophorone	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
m,p-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Nitrobenzene	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
o-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Phenol	NELAP	0.392		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Pyridine	NELAP	0.560		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
1,2-Diphenylhydrazine		0.942		ND	mg/Kg-dry	1	10/21/2010 11:31:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		56.1	%REC	1	10/21/2010 11:31:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		78.2	%REC	1	10/21/2010 11:31:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		59.1	%REC	1	10/21/2010 11:31:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		79.9	%REC	1	10/21/2010 11:31:00 AM	DMH
Surr: Phenol-d5		34.9-110		68.2	%REC	1	10/21/2010 11:31:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		91.8	%REC	1	10/21/2010 11:31:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,1,1-Trichloroethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,1,2-Trichloroethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,1-Dichloro-2-propanone		99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,1-Dichloroethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,1-Dichloroethene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,1-Dichloropropene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,2,3-Trichloropropane	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-001  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D3-F(25)  
**Collection Date:** 10/20/2010 7:44:00 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>								
1,2,3-Trimethylbenzene		99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	99.2	J	33	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,2-Dibromoethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,2-Dichlorobenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,2-Dichloroethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,2-Dichloropropane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,3-Dichlorobenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,3-Dichloropropane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1,4-Dichlorobenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
1-Chlorobutane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
2,2-Dichloropropane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
2-Butanone	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
2-Chlorotoluene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
2-Hexanone	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
2-Nitropropane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
4-Chlorotoluene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
4-Methyl-2-pentanone	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Acetone	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Acetonitrile	NELAP	1980		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Acrolein	NELAP	1980		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Acrylonitrile	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Allyl chloride	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Benzene	NELAP	19.8		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Bromobenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Bromochloromethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Bromodichloromethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Bromoform	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Bromomethane	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Carbon disulfide	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Carbon tetrachloride	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Chlorobenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Chloroethane	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Chloroform	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Chloromethane	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-001  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D3-F(25)  
**Collection Date:** 10/20/2010 7:44:00 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>								
cis-1,3-Dichloropropene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Cyclohexanone		1980		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Dibromochloromethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Dibromomethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Dichlorodifluoromethane	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Ethyl acetate	NELAP	992	J	400	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Ethyl ether	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Ethyl methacrylate	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Ethylbenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Gasoline Range Organics (OA-1)		19800		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Heptane		397		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Hexachlorobutadiene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Hexachloroethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Iodomethane	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Isopropylbenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
m,p-Xylenes	NELAP	99.2	J	25	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Methacrylonitrile	NELAP	992		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Methyl Methacrylate	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Methyl tert-butyl ether	NELAP	39.7		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Methylacrylate		198		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Methylene chloride	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Naphthalene	NELAP	198	J	40	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
n-Butylbenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
n-Hexane		397		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Nitrobenzene	NELAP	1980		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
n-Propylbenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
o-Xylene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Pentachloroethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
p-Isopropyltoluene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Propionitrile	NELAP	992		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
sec-Butylbenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Styrene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
tert-Butylbenzene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Tetrachloroethene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Tetrahydrofuran	NELAP	992		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Toluene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-001  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D3-F(25)  
**Collection Date:** 10/20/2010 7:44:00 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>								
trans-1,4-Dichloro-2-butene	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Trichloroethene	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Trichlorofluoromethane	NELAP	99.2		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Vinyl acetate	NELAP	992		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Vinyl chloride	NELAP	39.7		ND	µg/Kg-dry	12.5	10/21/2010 11:36:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		93.2	%REC	12.5	10/21/2010 11:36:00 AM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		101.5	%REC	12.5	10/21/2010 11:36:00 AM	RWE
Surr: Dibromofluoromethane		77.7-120		97.0	%REC	12.5	10/21/2010 11:36:00 AM	RWE
Surr: Toluene-d8		86-116		98.0	%REC	12.5	10/21/2010 11:36:00 AM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.006	mg/Kg-dry	1	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.589		< 0.589	mg/Kg-dry	1	10/21/2010 9:42:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.57		< 0.57	mg/Kg-dry	1	10/21/2010 9:42:00 AM	KNS

### Sample Narrative

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

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

LCS was outside upper QC limits. Sample was ND.

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

Matrix spike 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 matrix interference.

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:** 10100831

**Client Sample ID:** P6-D3-F(26)

**Lab ID:** 10100831-002

**Collection Date:** 10/20/2010 7:55:00 AM

**Report Date:** 22-Oct-10

**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		10.9	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.1	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.47	mg/Kg-dry	1	10/21/2010 2:25:28 PM	JMW
Barium	NELAP	0.50		18.8	mg/Kg-dry	1	10/21/2010 2:25:28 PM	JMW
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	10/21/2010 2:25:28 PM	JMW
Chromium	NELAP	1.00		12.3	mg/Kg-dry	1	10/21/2010 2:25:28 PM	JMW
Lead	NELAP	4.00		9.11	mg/Kg-dry	1	10/21/2010 2:25:28 PM	JMW
Silver	NELAP	0.55		0.89	mg/Kg-dry	1	10/21/2010 2:25:28 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	10/21/2010 12:22:34 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	5.57		22.3	mg/Kg-dry	1	10/21/2010 10:13:00 AM	DMH
Kerosene	NELAP	5.57		ND	mg/Kg-dry	1	10/21/2010 10:13:00 AM	DMH
Mineral Spirits	NELAP	5.57		ND	mg/Kg-dry	1	10/21/2010 10:13:00 AM	DMH
Motor Oil	NELAP	5.57	#	15.6	mg/Kg-dry	1	10/21/2010 10:13:00 AM	DMH
Surr: n-Tetracontane		50.6-140		102.3	%REC	1	10/21/2010 10:13:00 AM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.040	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Acenaphthylene	NELAP	0.004		0.062	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Anthracene	NELAP	0.004		0.043	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004		0.032	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		0.031	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.026	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.016	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.008	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Chrysene	NELAP	0.004		0.032	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004	J	0.003	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Fluoranthene	NELAP	0.004		0.061	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Fluorene	NELAP	0.004		0.055	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.010	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Naphthalene	NELAP	0.004		0.486	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Phenanthrene	NELAP	0.004		0.160	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Pyrene	NELAP	0.004		0.087	mg/Kg-dry	1	10/21/2010 5:01:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		82.8	%REC	1	10/21/2010 5:01:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		73.4	%REC	1	10/21/2010 5:01:00 PM	MAV

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-002  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D3-F(26)  
**Collection Date:** 10/20/2010 7:55:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: p-Terphenyl-d14		30.6-131		<b>84.9</b>	%REC	1	10/21/2010 5:01:00 PM	MAW
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
2-Chloronaphthalene	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
2-Chlorophenol	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
2-Methoxy-4-methylphenol		0.722		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
2-Methylnaphthalene	NELAP	0.389	J	<b>0.15</b>	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
2-Nitrophenol	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
4-Chloroaniline	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
4-Nitroaniline	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
4-Nitrophenol	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Aniline	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Azobenzene		0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Benzidine	NELAP	1.17		see note	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Benzoic acid	NELAP	1.67		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Benzyl alcohol	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Carbazole		0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-002  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D3-F(26)  
**Collection Date:** 10/20/2010 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>								
Dibenzofuran	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Diethyl phthalate	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Dimethyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Hexachlorobenzene	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Hexachlorobutadiene	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Hexachloroethane	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Isophorone	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
m,p-Cresol	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Nitrobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
o-Cresol	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Pentachlorophenol	NELAP	2.22		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Phenol	NELAP	0.389		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Pyridine	NELAP	0.555		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
1,2-Diphenylhydrazine		0.933		ND	mg/Kg-dry	1	10/21/2010 12:04:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		76.5	%REC	1	10/21/2010 12:04:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		73.0	%REC	1	10/21/2010 12:04:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		65.2	%REC	1	10/21/2010 12:04:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		74.2	%REC	1	10/21/2010 12:04:00 PM	DMH
Surr: Phenol-d5		34.9-110		70.3	%REC	1	10/21/2010 12:04:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		84.6	%REC	1	10/21/2010 12:04:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,1,1-Trichloroethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,1,2-Trichloroethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,1-Dichloro-2-propanone		998		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,1-Dichloroethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,1-Dichloroethene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,1-Dichloropropene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,2,3-Trichloropropane	NELAP	200		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-002  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D3-F(26)  
**Collection Date:** 10/20/2010 7:55:00 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>								
1,2,3-Trimethylbenzene		99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,2-Dibromoethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,2-Dichlorobenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,2-Dichloroethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,2-Dichloropropane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,3-Dichlorobenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,3-Dichloropropane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1,4-Dichlorobenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
1-Chlorobutane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
2,2-Dichloropropane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
2-Butanone	NELAP	998		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
2-Chlorotoluene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
2-Hexanone	NELAP	998		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
2-Nitropropane	NELAP	998		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
4-Chlorotoluene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
4-Methyl-2-pentanone	NELAP	998		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Acetone	NELAP	998		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Acetonitrile	NELAP	2000		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Acrolein	NELAP	2000		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Acrylonitrile	NELAP	200		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Allyl chloride	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Benzene	NELAP	20.0		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Bromobenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Bromochloromethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Bromodichloromethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Bromoform	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Bromomethane	NELAP	200		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Carbon disulfide	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Carbon tetrachloride	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Chlorobenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Chloroethane	NELAP	200		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Chloroform	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Chloromethane	NELAP	200		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-002  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D3-F(26)  
**Collection Date:** 10/20/2010 7:55:00 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>								
cis-1,3-Dichloropropene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Cyclohexanone		2000		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Dibromochloromethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Dibromomethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Dichlorodifluoromethane	NELAP	200		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Ethyl acetate	NELAP	998		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Ethyl ether	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Ethyl methacrylate	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Ethylbenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Gasoline Range Organics (OA-1)		20000		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Heptane		399		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Hexachlorobutadiene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Hexachloroethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Iodomethane	NELAP	200		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Isopropylbenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
m,p-Xylenes	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Methacrylonitrile	NELAP	998		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Methyl Methacrylate	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Methyl tert-butyl ether	NELAP	39.9		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Methylacrylate		200		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Methylene chloride	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Naphthalene	NELAP	200		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
n-Butylbenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
n-Hexane		399		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Nitrobenzene	NELAP	2000		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
n-Propylbenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
o-Xylene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Pentachloroethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
p-Isopropyltoluene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Propionitrile	NELAP	998		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
sec-Butylbenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Styrene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
tert-Butylbenzene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Tetrachloroethene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Tetrahydrofuran	NELAP	998		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Toluene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-002  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D3-F(26)  
**Collection Date:** 10/20/2010 7:55:00 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>								
trans-1,4-Dichloro-2-butene	NELAP	200		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Trichloroethene	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Trichlorofluoromethane	NELAP	99.8		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Vinyl acetate	NELAP	998		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Vinyl chloride	NELAP	39.9		ND	µg/Kg-dry	12.5	10/21/2010 12:04:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		92.1	%REC	12.5	10/21/2010 12:04:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		104.5	%REC	12.5	10/21/2010 12:04:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		95.5	%REC	12.5	10/21/2010 12:04:00 PM	RWE
Surr: Toluene-d8		86-116		99.0	%REC	12.5	10/21/2010 12:04:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.650		< 0.650	mg/Kg-dry	1	10/21/2010 9:42:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		< 0.56	mg/Kg-dry	1	10/21/2010 9:42:00 AM	KNS

### Sample Narrative

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

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

LCS was outside upper QC limits. Sample was ND.

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

Elevated reporting limit due to matrix interference.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-003  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D4.5-F(25)  
**Collection Date:** 10/20/2010 9:25:00 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		10.8	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.2	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		2.60	mg/Kg-dry	1	10/21/2010 2:31:03 PM	JMW
Barium	NELAP	0.50		73.4	mg/Kg-dry	1	10/21/2010 2:31:03 PM	JMW
Cadmium	NELAP	0.20	J	0.17	mg/Kg-dry	1	10/21/2010 2:31:03 PM	JMW
Chromium	NELAP	1.00		41.4	mg/Kg-dry	1	10/21/2010 2:31:03 PM	JMW
Lead	NELAP	4.00		7.67	mg/Kg-dry	1	10/21/2010 2:31:03 PM	JMW
Silver	NELAP	0.55		0.67	mg/Kg-dry	1	10/21/2010 2:31:03 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.545	< 0.545	mg/Kg-dry	1	10/21/2010 12:25:56 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	5.49		18.9	mg/Kg-dry	1	10/21/2010 10:30:00 AM	DMH
Kerosene	NELAP	5.49		ND	mg/Kg-dry	1	10/21/2010 10:30:00 AM	DMH
Mineral Spirits	NELAP	5.49		ND	mg/Kg-dry	1	10/21/2010 10:30:00 AM	DMH
Motor Oil	NELAP	5.49	#	11.6	mg/Kg-dry	1	10/21/2010 10:30:00 AM	DMH
Surr: n-Tetracontane		50.6-140		102.7	%REC	1	10/21/2010 10:30:00 AM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.010	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Acenaphthylene	NELAP	0.004		0.005	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Anthracene	NELAP	0.004		0.008	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Benzo(a)anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Benzo(a)pyrene	NELAP	0.004		0.004	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Benzo(b)fluoranthene	NELAP	0.004		0.004	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		0.007	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Chrysene	NELAP	0.004		0.006	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Fluoranthene	NELAP	0.004		0.009	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Fluorene	NELAP	0.004		0.007	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Naphthalene	NELAP	0.004		0.131	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Phenanthrene	NELAP	0.004		0.032	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Pyrene	NELAP	0.004		0.016	mg/Kg-dry	1	10/21/2010 11:44:00 AM	DMH
Surr: 2-Fluorobiphenyl		10-131		67.5	%REC	1	10/21/2010 11:44:00 AM	DMH
Surr: Nitrobenzene-d5		10-132		65.7	%REC	1	10/21/2010 11:44:00 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:** 10100831

**Client Sample ID:** P6-D4.5-F(25)

**Lab ID:** 10100831-003

**Collection Date:** 10/20/2010 9:25:00 AM

**Report Date:** 22-Oct-10

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: p-Terphenyl-d14		30.6-131		<b>87.9</b>	%REC	1	10/21/2010 11:44:00 AM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.10		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
2-Chloronaphthalene	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
2-Chlorophenol	NELAP	0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
2-Methoxy-4-methylphenol		0.718		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
2-Methylnaphthalene	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
2-Nitroaniline	NELAP	1.10		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
2-Nitrophenol	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
3-Nitroaniline	NELAP	1.10		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.10		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
4-Chloroaniline	NELAP	0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
4-Nitroaniline	NELAP	0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
4-Nitrophenol	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Aniline	NELAP	0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Azobenzene		0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Benzidine	NELAP	1.17		<b>see note</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Benzoic acid	NELAP	1.66		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Benzyl alcohol	NELAP	0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.387		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Carbazole		0.552		<b>ND</b>	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-003  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D4.5-F(25)  
**Collection Date:** 10/20/2010 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>								
Dibenzofuran	NELAP	0.387		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Diethyl phthalate	NELAP	0.552		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Dimethyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Hexachlorobenzene	NELAP	0.387		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Hexachlorobutadiene	NELAP	0.552		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.387		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Hexachloroethane	NELAP	0.552		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Isophorone	NELAP	0.387		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
m,p-Cresol	NELAP	0.552		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Nitrobenzene	NELAP	0.552		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.552		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.552		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.552		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
o-Cresol	NELAP	0.552		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Pentachlorophenol	NELAP	2.21		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Phenol	NELAP	0.387		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Pyridine	NELAP	0.552		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
1,2-Diphenylhydrazine		0.928		ND	mg/Kg-dry	1	10/21/2010 12:36:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		64.1	%REC	1	10/21/2010 12:36:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		69.2	%REC	1	10/21/2010 12:36:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		58.7	%REC	1	10/21/2010 12:36:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		70.0	%REC	1	10/21/2010 12:36:00 PM	DMH
Surr: Phenol-d5		34.9-110		66.3	%REC	1	10/21/2010 12:36:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		90.1	%REC	1	10/21/2010 12:36:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,1,1-Trichloroethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,1,2-Trichloroethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,1-Dichloro-2-propanone		988		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,1-Dichloroethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,1-Dichloroethene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,1-Dichloropropene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,2,3-Trichloropropane	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-003  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D4.5-F(25)  
**Collection Date:** 10/20/2010 9:25:00 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>								
1,2,3-Trimethylbenzene		98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,2-Dibromoethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,2-Dichlorobenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,2-Dichloroethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,2-Dichloropropane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,3-Dichlorobenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,3-Dichloropropane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1,4-Dichlorobenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
1-Chlorobutane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
2,2-Dichloropropane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
2-Butanone	NELAP	988		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
2-Chlorotoluene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
2-Hexanone	NELAP	988		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
2-Nitropropane	NELAP	988		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
4-Chlorotoluene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
4-Methyl-2-pentanone	NELAP	988		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Acetone	NELAP	988		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Acetonitrile	NELAP	1980		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Acrolein	NELAP	1980		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Acrylonitrile	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Allyl chloride	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Benzene	NELAP	19.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Bromobenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Bromochloromethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Bromodichloromethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Bromoform	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Bromomethane	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Carbon disulfide	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Carbon tetrachloride	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Chlorobenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Chloroethane	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Chloroform	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Chloromethane	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 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:** 10100831

**Client Sample ID:** P6-D4.5-F(25)

**Lab ID:** 10100831-003

**Collection Date:** 10/20/2010 9:25:00 AM

**Report Date:** 22-Oct-10

**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>								
cis-1,3-Dichloropropene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Cyclohexanone		1980		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Dibromochloromethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Dibromomethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Dichlorodifluoromethane	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Ethyl acetate	NELAP	988	J	410	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Ethyl ether	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Ethyl methacrylate	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Ethylbenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Gasoline Range Organics (OA-1)		19800		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Heptane		395		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Hexachlorobutadiene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Hexachloroethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Iodomethane	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Isopropylbenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
m,p-Xylenes	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Methacrylonitrile	NELAP	988		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Methyl Methacrylate	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Methyl tert-butyl ether	NELAP	39.5		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Methylacrylate		198		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Methylene chloride	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Naphthalene	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
n-Butylbenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
n-Hexane		395		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Nitrobenzene	NELAP	1980		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
n-Propylbenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
o-Xylene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Pentachloroethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
p-Isopropyltoluene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Propionitrile	NELAP	988		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
sec-Butylbenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Styrene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
tert-Butylbenzene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Tetrachloroethene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Tetrahydrofuran	NELAP	988		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Toluene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-003  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D4.5-F(25)  
**Collection Date:** 10/20/2010 9:25:00 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>								
trans-1,4-Dichloro-2-butene	NELAP	198		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Trichloroethene	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Trichlorofluoromethane	NELAP	98.8		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Vinyl acetate	NELAP	988		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Vinyl chloride	NELAP	39.5		ND	µg/Kg-dry	12.5	10/21/2010 12:35:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		92.1	%REC	12.5	10/21/2010 12:35:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		104.6	%REC	12.5	10/21/2010 12:35:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		95.4	%REC	12.5	10/21/2010 12:35:00 PM	RWE
Surr: Toluene-d8		86-116		98.7	%REC	12.5	10/21/2010 12:35:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.006	mg/Kg-dry	1	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.555		< 0.555	mg/Kg-dry	1	10/21/2010 9:42:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		< 0.56	mg/Kg-dry	1	10/21/2010 9:42:00 AM	KNS

### Sample Narrative

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

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

LCS was outside upper QC limits. Sample was ND.

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

Elevated reporting limit due to matrix interference.

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-004  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D4.5-F(26)  
**Collection Date:** 10/20/2010 9:40:00 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		16.9	%	1	10/20/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		83.1	%	1	10/20/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.76	mg/Kg-dry	1	10/21/2010 2:36:35 PM	JMW
Barium	NELAP	0.50		14.3	mg/Kg-dry	1	10/21/2010 2:36:35 PM	JMW
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	10/21/2010 2:36:35 PM	JMW
Chromium	NELAP	1.00		10.9	mg/Kg-dry	1	10/21/2010 2:36:35 PM	JMW
Lead	NELAP	4.00		8.40	mg/Kg-dry	1	10/21/2010 2:36:35 PM	JMW
Silver	NELAP	0.55		0.63	mg/Kg-dry	1	10/21/2010 2:36:35 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	10/21/2010 12:29:18 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	5.99		29.8	mg/Kg-dry	1	10/21/2010 11:39:00 AM	DMH
Kerosene	NELAP	5.99		ND	mg/Kg-dry	1	10/21/2010 11:39:00 AM	DMH
Mineral Spirits	NELAP	5.99		ND	mg/Kg-dry	1	10/21/2010 11:39:00 AM	DMH
Motor Oil	NELAP	5.99	#	18.2	mg/Kg-dry	1	10/21/2010 11:39:00 AM	DMH
Surr: n-Tetracontane		50.6-140		112.8	%REC	1	10/21/2010 11:39:00 AM	DMH
<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	10/21/2010 5:39:00 PM	MAV
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.004	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.079		ND	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Naphthalene	NELAP	0.004		0.005	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Phenanthrene	NELAP	0.004		0.006	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	10/21/2010 5:39:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		75.7	%REC	1	10/21/2010 5:39:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		66.4	%REC	1	10/21/2010 5:39:00 PM	MAV

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-004  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D4.5-F(26)  
**Collection Date:** 10/20/2010 9:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: p-Terphenyl-d14		30.6-131		79.7	%REC	1	10/21/2010 5:39:00 PM	MAW
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.19		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
2-Chloronaphthalene	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
2-Chlorophenol	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
2-Methoxy-4-methylphenol		0.771		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
2-Methylnaphthalene	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
2-Nitroaniline	NELAP	1.19		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
2-Nitrophenol	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
3-Nitroaniline	NELAP	1.19		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.19		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
4-Chloroaniline	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
4-Nitroaniline	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
4-Nitrophenol	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Aniline	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Azobenzene		0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Benzidine	NELAP	1.25		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Benzoic acid	NELAP	1.78		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Benzyl alcohol	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Carbazole		0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-004  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D4.5-F(26)  
**Collection Date:** 10/20/2010 9:40:00 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>								
Dibenzofuran	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Diethyl phthalate	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Dimethyl phthalate	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Hexachlorobenzene	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Hexachlorobutadiene	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Hexachloroethane	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Isophorone	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
m,p-Cresol	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Nitrobenzene	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
o-Cresol	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Pentachlorophenol	NELAP	2.37		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Phenol	NELAP	0.415		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Pyridine	NELAP	0.593		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
1,2-Diphenylhydrazine		0.996		ND	mg/Kg-dry	1	10/21/2010 2:13:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		65.9	%REC	1	10/21/2010 2:13:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		64.3	%REC	1	10/21/2010 2:13:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		65.6	%REC	1	10/21/2010 2:13:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		64.1	%REC	1	10/21/2010 2:13:00 PM	DMH
Surr: Phenol-d5		34.9-110		68.2	%REC	1	10/21/2010 2:13:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		84.9	%REC	1	10/21/2010 2:13:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,1,1-Trichloroethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,1,2-Trichloroethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,1-Dichloro-2-propanone		70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,1-Dichloroethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,1-Dichloroethene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,1-Dichloropropene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,2,3-Trichloropropane	NELAP	141		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-004  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D4.5-F(26)  
**Collection Date:** 10/20/2010 9:40:00 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>								
1,2,3-Trimethylbenzene		70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,2-Dibromoethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,2-Dichlorobenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,2-Dichloroethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,2-Dichloropropane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,3-Dichlorobenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,3-Dichloropropane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1,4-Dichlorobenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
1-Chlorobutane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
2,2-Dichloropropane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
2-Butanone	NELAP	707		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
2-Chlorotoluene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
2-Hexanone	NELAP	707		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
2-Nitropropane	NELAP	707		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
4-Chlorotoluene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
4-Methyl-2-pentanone	NELAP	707		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Acetone	NELAP	707		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Acetonitrile	NELAP	1410		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Acrolein	NELAP	1410		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Acrylonitrile	NELAP	141		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Allyl chloride	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Benzene	NELAP	14.1		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Bromobenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Bromochloromethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Bromodichloromethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Bromoform	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Bromomethane	NELAP	141		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Carbon disulfide	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Carbon tetrachloride	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Chlorobenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Chloroethane	NELAP	141		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Chloroform	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Chloromethane	NELAP	141		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-004  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D4.5-F(26)  
**Collection Date:** 10/20/2010 9:40:00 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>								
cis-1,3-Dichloropropene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Cyclohexanone		1410		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Dibromochloromethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Dibromomethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Dichlorodifluoromethane	NELAP	141		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Ethyl acetate	NELAP	707		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Ethyl ether	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Ethyl methacrylate	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Ethylbenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Gasoline Range Organics (OA-1)		14100		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Heptane		283		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Hexachlorobutadiene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Hexachloroethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Iodomethane	NELAP	141		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Isopropylbenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
m,p-Xylenes	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Methacrylonitrile	NELAP	707		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Methyl Methacrylate	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Methyl tert-butyl ether	NELAP	28.3		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Methylacrylate		141		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Methylene chloride	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Naphthalene	NELAP	141		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
n-Butylbenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
n-Hexane		283		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Nitrobenzene	NELAP	1410		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
n-Propylbenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
o-Xylene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Pentachloroethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
p-Isopropyltoluene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Propionitrile	NELAP	707		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
sec-Butylbenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Styrene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
tert-Butylbenzene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Tetrachloroethene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Tetrahydrofuran	NELAP	707		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Toluene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100831  
**Lab ID:** 10100831-004  
**Report Date:** 22-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-D4.5-F(26)  
**Collection Date:** 10/20/2010 9:40:00 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>								
trans-1,4-Dichloro-2-butene	NELAP	141		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Trichloroethene	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Trichlorofluoromethane	NELAP	70.7		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Vinyl acetate	NELAP	707		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Vinyl chloride	NELAP	28.3		ND	µg/Kg-dry	12.5	10/21/2010 1:03:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		92.8	%REC	12.5	10/21/2010 1:03:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		103.1	%REC	12.5	10/21/2010 1:03:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		95.6	%REC	12.5	10/21/2010 1:03:00 PM	RWE
Surr: Toluene-d8		86-116		98.1	%REC	12.5	10/21/2010 1:03:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	10/21/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.602		< 0.602	mg/Kg-dry	1	10/21/2010 9:42:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.60		< 0.60	mg/Kg-dry	1	10/21/2010 9:42:00 AM	KNS

### Sample Narrative

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

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

LCS was outside upper QC limits. Sample was ND.

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

Elevated reporting limit due to matrix interference.

ENVIRONMENTAL TESTING LABORATORY

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**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225/Ameren Champaign 6240908012

**Lab Order:** 10100831

**Report Date:** 22-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100831-001A	P6-D3-F(25)	10/20/2010	Solid	SW-846 3050B, 6010B, Metals by ICP	10/20/2010 8:00:30 PM	10/21/2010 2:08:50 PM
				SW-846 3050B, Metals by GFAA	10/20/2010 8:37:07 PM	10/21/2010 12:12:26 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	10/20/2010 8:52:11 PM	10/21/2010 9:56:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:56 PM	10/21/2010 10:28:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:56 PM	10/21/2010 4:23:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:59:19 PM	10/21/2010 11:31:00 AM
				SW-846 7471A	10/21/2010 9:02:10 AM	10/21/2010
10100831-001B				EPA SW846 3550C, 5035A, ASTM D2974		10/20/2010 2:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/20/2010 2:30:00 PM
				SW-846 9012A		10/21/2010 9:42:00 AM
				SW-846 9012A (Total)		10/21/2010 9:42:00 AM
10100831-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/20/2010 4:37:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/21/2010 11:36:00 AM
10100831-002A	P6-D3-F(26)			SW-846 3050B, 6010B, Metals by ICP	10/20/2010 8:00:30 PM	10/21/2010 2:25:28 PM
				SW-846 3050B, Metals by GFAA	10/20/2010 8:37:07 PM	10/21/2010 12:22:34 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	10/20/2010 8:55:17 PM	10/21/2010 10:13:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:56 PM	10/21/2010 11:07:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:56 PM	10/21/2010 5:01:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:59:19 PM	10/21/2010 12:04:00 PM
				SW-846 7471A	10/21/2010 9:02:10 AM	10/21/2010
10100831-002B				EPA SW846 3550C, 5035A, ASTM D2974		10/20/2010 2:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/20/2010 2:30:00 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 6240908012

**Lab Order:** 10100831

**Report Date:** 22-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100831-002B	P6-D3-F(26)	10/20/2010	Solid	SW-846 9012A		10/21/2010 9:42:00 AM
				SW-846 9012A (Total)		10/21/2010 9:42:00 AM
10100831-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/20/2010 5:05:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/21/2010 12:04:00 PM
10100831-003A	P6-D4.5-F(25)			SW-846 3050B, 6010B, Metals by ICP	10/20/2010 8:00:30 PM	10/21/2010 2:31:03 PM
				SW-846 3050B, Metals by GFAA	10/20/2010 8:37:07 PM	10/21/2010 12:25:56 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	10/20/2010 8:55:17 PM	10/21/2010 10:30:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:56 PM	10/21/2010 11:44:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:59:19 PM	10/21/2010 12:36:00 PM
				SW-846 7471A	10/21/2010 9:02:10 AM	10/21/2010
10100831-003B				EPA SW846 3550C, 5035A, ASTM D2974		10/20/2010 2:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/20/2010 2:30:00 PM
				SW-846 9012A		10/21/2010 9:42:00 AM
				SW-846 9012A (Total)		10/21/2010 9:42:00 AM
10100831-003E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/20/2010 5:33:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/21/2010 12:35:00 PM
10100831-004A	P6-D4.5-F(26)			SW-846 3050B, 6010B, Metals by ICP	10/20/2010 8:00:30 PM	10/21/2010 2:36:35 PM
				SW-846 3050B, Metals by GFAA	10/20/2010 8:37:07 PM	10/21/2010 12:29:18 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	10/20/2010 8:55:17 PM	10/21/2010 10:47:00 AM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	10/20/2010 8:55:17 PM	10/21/2010 11:39:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:56 PM	10/21/2010 12:23:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:56:56 PM	10/21/2010 5:39:00 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 6240908012**Lab Order:** 10100831**Report Date:** 22-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100831-004A	P6-D4.5-F(26)	10/20/2010	Solid	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/20/2010 8:59:19 PM	10/21/2010 2:13:00 PM
				SW-846 7471A	10/21/2010 9:02:10 AM	10/21/2010
10100831-004B				EPA SW846 3550C, 5035A, ASTM D2974		10/20/2010 2:30:00 PM
				Standard Methods 18th Ed. 2540 G		10/20/2010 2:30:00 PM
				SW-846 9012A		10/21/2010 9:42:00 AM
				SW-846 9012A (Total)		10/21/2010 9:42:00 AM
10100831-004E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/20/2010 6:01:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/21/2010 1:03:00 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 6240908012

Lab Order: 10100831

Report Date: 22-Oct-10

## ANALYTICAL QC SUMMARY REPORT

Test Number: M2540 G

Sample ID: <b>LCS-R141567</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>141567</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141567</b>		Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767148</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	101.0	90	110				
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Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>141567</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141567</b>		Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767149</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	101.0	90	110				
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Sample ID: <b>10100831-004BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>141567</b>							
Client ID: <b>P6-D4.5-F(26)DUP</b>	Batch ID: <b>R141567</b>		Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767261</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	82.4	0.1						83.11	0.846	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW6010B

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>MB-63850</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141595</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63850</b>	<b>SOP 3032</b>				Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767908</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	0.5500	0	0	-100	100				

Sample ID: <b>LCS-63850</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141595</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63850</b>	<b>SOP 3032</b>				Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767909</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	99.0	85	115				
Barium	195	0.50	200.0	0	97.4	85	115				
Cadmium	4.87	0.20	5.000	0	97.4	85	115				
Chromium	20.3	1.00	20.00	0	101.7	85	115				
Lead	50.5	4.00	50.00	0	100.9	85	115				
Silver	5.06	0.55	5.000	0	101.2	85	115				

Sample ID: <b>10100831-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141595</b>				
Client ID: <b>P6-D3-F(25)MS</b>	Batch ID: <b>63850</b>	<b>SOP 3032</b>				Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767912</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	177	2.36	188.7	3.208	92.0	75	125				
Barium	164	0.47	188.7	16.69	78.3	75	125				
Cadmium	3.93	0.19	4.717	0	83.4	75	125				
Chromium	31.3	0.94	18.87	15.30	84.8	75	125				
Lead	47.6	3.77	47.17	9.123	81.6	75	125				
Silver	5.37	0.52	4.717	0.5660	101.8	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW6010B

Lab Order: 10100831

Report Date: 22-Oct-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	176	2.36	188.7	3.208	91.6	75	125	176.8	0.374	20	
Barium	172	0.47	188.7	16.69	82.1	75	125	164.4	4.21	20	
Cadmium	4.07	0.19	4.717	0	86.2	75	125	3.934	3.30	20	
Chromium	34.6	0.94	18.87	15.30	102.4	75	125	31.29	10.1	20	
Lead	51.2	3.77	47.17	9.123	89.3	75	125	47.63	7.31	20	
Silver	5.38	0.52	4.717	0.5660	102.0	75	125	5.368	0.176	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW7000 G

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>MB-63851</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141604</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63851</b>	<b>SOP 3042</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768133</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-63851</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141604</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63851</b>	<b>SOP 3042</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768134</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.95	0.600	3.000	0	98.2	80	120			
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Sample ID: <b>10100831-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141604</b>							
Client ID: <b>P6-D3-F(25)MS</b>	Batch ID: <b>63851</b>	<b>SOP 3042</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768141</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.12	1.11	2.778	0	76.3	70	130			
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Sample ID: <b>10100831-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141604</b>							
Client ID: <b>P6-D3-F(25)MSD</b>	Batch ID: <b>63851</b>	<b>SOP 3042</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768153</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.20	1.11	2.778	0	79.3	70	130	2.120	3.86	20
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW7471 A

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>MB-63863</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141596</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63863</b>	<b>SOP 3063</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767949</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-63863</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141596</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63863</b>	<b>SOP 3063</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767950</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	105.4	85	115				
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Sample ID: <b>10100831-003AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141596</b>							
Client ID: <b>P6-D4.5-F(25)MS</b>	Batch ID: <b>63863</b>	<b>SOP 3063</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767957</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.306	0.011	0.2803	0.006167	106.8	75	125				
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Sample ID: <b>10100831-003AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141596</b>							
Client ID: <b>P6-D4.5-F(25)MSD</b>	Batch ID: <b>63863</b>	<b>SOP 3063</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767958</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.303	0.011	0.2803	0.006167	105.8	75	125	0.3056	0.922	15	
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Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8015M/OA2**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>MB-63852</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141586</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63852</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767759</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	0.67		0.6700		100.6	54.8	128				

Sample ID: <b>LCS-63852</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141586</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63852</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767760</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	15.6	5.00	16.70	0	93.6	40.4	121				
Surr: n-Tetracontane	0.75		0.6700		112.6	54.8	128				

Sample ID: <b>10100831-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141586</b>
Client ID: <b>P6-D3-F(25)MS</b>	Batch ID: <b>63852</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767765</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	41.5	5.50	18.38	36.81	25.6	20.3	167				
Surr: n-Tetracontane	0.82		0.7376		111.2	53.9	153				

Sample ID: <b>10100831-001MSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141586</b>
Client ID: <b>P6-D3-F(25)MSD</b>	Batch ID: <b>63852</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767766</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	37.2	5.54	18.52	36.81	2.0	20.3	167	41.51	11.0	34	S
Surr: n-Tetracontane	0.83		0.7429		111.1	53.9	153		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: LCS-A101020-1	SampType: LCS	Units: µg/Kg				Prep Date: 10/20/2010	RunNo: 141559				
Client ID: ZZZZZZ	Batch ID: 63855	SW5035				Analysis Date: 10/20/2010	SeqNo: 2767004				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	48.3	5.00	50.00	0	96.7	0	200				
1,1,1-Trichloroethane	51.1	5.00	50.00	0	102.2	85.8	124				
1,1,2,2-Tetrachloroethane	46.9	5.00	50.00	0	93.9	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	56.5	5.00	50.00	0	113.0	0	200				
1,1,2-Trichloroethane	48.4	5.00	50.00	0	96.8	0	200				
1,1-Dichloro-2-propanone	143	50.0	125.0	0	114.5	0	200				
1,1-Dichloroethane	49.5	5.00	50.00	0	99.1	0	200				
1,1-Dichloroethene	52.1	5.00	50.00	0	104.3	60.1	131				
1,1-Dichloropropene	52.0	5.00	50.00	0	104.0	0	200				
1,2,3-Trichlorobenzene	58.3	5.00	50.00	0	116.6	0	200				
1,2,3-Trichloropropane	47.5	10.0	50.00	0	95.0	0	200				
1,2,3-Trimethylbenzene	47.0	5.00	50.00	0	93.9	0	200				
1,2,4-Trichlorobenzene	60.7	5.00	50.00	0	121.4	0	200				
1,2,4-Trimethylbenzene	48.5	5.00	50.00	0	97.0	0	200				
1,2-Dibromo-3-chloropropane	50.9	5.00	50.00	0	101.8	0	200				
1,2-Dibromoethane	49.3	5.00	50.00	0	98.6	86.9	119				
1,2-Dichlorobenzene	48.5	5.00	50.00	0	97.0	88	119				
1,2-Dichloroethane	48.3	5.00	50.00	0	96.6	73	117				
1,2-Dichloropropane	49.6	5.00	50.00	0	99.3	0	200				
1,3,5-Trimethylbenzene	47.8	5.00	50.00	0	95.7	0	200				
1,3-Dichlorobenzene	49.7	5.00	50.00	0	99.3	85.8	125				
1,3-Dichloropropane	46.9	5.00	50.00	0	93.9	0	200				
1,4-Dichlorobenzene	49.4	5.00	50.00	0	98.8	84.5	124				
1-Chlorobutane	43.4	5.00	50.00	0	86.8	0	200				
2,2-Dichloropropane	50.9	5.00	50.00	0	101.9	0	200				
2-Butanone	151	50.0	125.0	0	120.7	45.3	136				
2-Chlorotoluene	46.3	5.00	50.00	0	92.6	0	200				
2-Hexanone	164	50.0	125.0	0	131.0	0	200				
2-Nitropropane	48	50.0	50.00	0	96.0	0	200				J
4-Chlorotoluene	47.1	5.00	50.00	0	94.2	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCS-A101020-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141559</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63855</b>	<b>SW5035</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767004</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	134	50.0	125.0	0	107.4	0	200				
Acetone	220	50.0	125.0	0	176.0	0	200				
Acrylonitrile	48.7	10.0	50.00	0	97.4	0	200				
Allyl chloride	48.1	5.00	50.00	0	96.3	0	200				
Benzene	50.3	1.00	50.00	0	100.5	73.9	109				
Bromobenzene	48.4	5.00	50.00	0	96.7	0	200				
Bromochloromethane	49.1	5.00	50.00	0	98.3	0	200				
Bromodichloromethane	49.3	5.00	50.00	0	98.5	91.3	126				
Bromoform	49.1	5.00	50.00	0	98.2	0	200				
Bromomethane	46.1	10.0	50.00	0	92.2	0	200				
Carbon disulfide	52.1	5.00	50.00	0	104.2	0	200				
Carbon tetrachloride	52.2	5.00	50.00	0	104.5	83.3	127				
Chlorobenzene	48.9	5.00	50.00	0	97.9	85.8	116				
Chloroethane	46.2	10.0	50.00	0	92.4	0	200				
Chloroform	50.2	5.00	50.00	0	100.5	80	113				
Chloromethane	41.2	10.0	50.00	0	82.4	0	200				
cis-1,2-Dichloroethene	51.7	5.00	50.00	0	103.4	0	200				
cis-1,3-Dichloropropene	51.0	4.00	50.00	0	102.1	0	200				
Cyclohexanone	342	100	250.0	0	136.8	0	200				
Dibromochloromethane	48.3	5.00	50.00	0	96.7	89.1	119				
Dibromomethane	51.3	5.00	50.00	0	102.7	0	200				
Dichlorodifluoromethane	45.1	10.0	50.00	0	90.2	0	200				
Ethyl acetate	50.6	50.0	50.00	0	101.1	0	200				
Ethyl ether	52.7	5.00	50.00	0	105.4	0	200				
Ethyl methacrylate	48.7	5.00	50.00	0	97.5	0	200				
Ethylbenzene	48.0	5.00	50.00	0	96.0	84.1	115				
Heptane	50.8	20.0	50.00	0	101.6	0	200				
Hexachlorobutadiene	51.5	5.00	50.00	0	103.0	0	200				
Hexachloroethane	44.5	5.00	50.00	0	89.0	0	200				
Iodomethane	64.2	10.0	50.00	0	128.3	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: LCS-A101020-1	SampType: LCS	Units: µg/Kg				Prep Date: 10/20/2010	RunNo: 141559				
Client ID: ZZZZZZ	Batch ID: 63855	SW5035				Analysis Date: 10/20/2010	SeqNo: 2767004				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	48.9	5.00	50.00	0	97.8	0	200				
m,p-Xylenes	95.3	5.00	100.0	0	95.3	79.1	111				
Methacrylonitrile	52.1	50.0	50.00	0	104.1	0	200				
Methyl Methacrylate	50.8	5.00	50.00	0	101.6	0	200				
Methyl tert-butyl ether	50.7	2.00	50.00	0	101.5	80	128				
Methylacrylate	52.4	10.0	50.00	0	104.7	0	200				
Methylene chloride	51.6	5.00	50.00	0	103.2	73.9	116				
Naphthalene	61.0	10.0	50.00	0	122.1	73.1	135				
n-Butylbenzene	55.0	5.00	50.00	0	110.0	0	200				
n-Hexane	51.9	20.0	50.00	0	103.8	0	200				
Nitrobenzene	64	100	50.00	0	129.0	0	200				J
n-Propylbenzene	47.2	5.00	50.00	0	94.3	0	200				
o-Xylene	47.7	5.00	50.00	0	95.4	82	117				
Pentachloroethane	48.2	5.00	50.00	0	96.5	0	200				
p-Isopropyltoluene	50.7	5.00	50.00	0	101.4	0	200				
Propionitrile	57.6	50.0	50.00	0	115.1	0	200				
sec-Butylbenzene	47.5	5.00	50.00	0	95.0	0	200				
Styrene	47.9	5.00	50.00	0	95.8	0	200				
tert-Butylbenzene	46.6	5.00	50.00	0	93.1	0	200				
Tetrachloroethene	51.2	5.00	50.00	0	102.3	74.6	115				
Tetrahydrofuran	52.2	50.0	50.00	0	104.5	0	200				
Toluene	47.9	5.00	50.00	0	95.8	79.1	112				
trans-1,2-Dichloroethene	50.6	5.00	50.00	0	101.2	0	200				
trans-1,3-Dichloropropene	46.5	4.00	50.00	0	93.0	0	200				
trans-1,4-Dichloro-2-butene	45.2	10.0	50.00	0	90.4	0	200				
Trichloroethene	55.1	5.00	50.00	0	110.1	81	111				
Trichlorofluoromethane	49.2	5.00	50.00	0	98.3	0	200				
Vinyl acetate	48	50.0	50.00	0	95.3	0	200				J
Vinyl chloride	48.4	2.00	50.00	0	96.7	0	200				
Surr: 1,2-Dichloroethane-d4	46.2		50.00		92.4	72.2	131				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCS-A101020-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141559</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63855</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767004</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	52.9		50.00		105.8	82.1	116				
Surr: Dibromofluoromethane	51.1		50.00		102.2	77.7	120				
Surr: Toluene-d8	47.7		50.00		95.3	86	116				

Sample ID: <b>LCSD-A101020-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141559</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63855</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767005</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	48.0	5.00	50.00	0	96.0	0	200	48.33	0.685	20	
1,1,1-Trichloroethane	51.3	5.00	50.00	0	102.6	85.8	124	51.10	0.410	20	
1,1,2,2-Tetrachloroethane	45.8	5.00	50.00	0	91.7	0	200	46.94	2.37	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	55.8	5.00	50.00	0	111.7	0	200	56.49	1.18	20	
1,1,2-Trichloroethane	48.0	5.00	50.00	0	96.1	0	200	48.39	0.726	20	
1,1-Dichloro-2-propanone	118	50.0	125.0	0	94.8	0	200	143.2	18.8	20	
1,1-Dichloroethane	49.9	5.00	50.00	0	99.9	0	200	49.54	0.804	20	
1,1-Dichloroethene	51.9	5.00	50.00	0	103.8	60.1	131	52.13	0.481	20	
1,1-Dichloropropene	51.5	5.00	50.00	0	102.9	0	200	52.00	1.04	20	
1,2,3-Trichlorobenzene	58.7	5.00	50.00	0	117.4	0	200	58.32	0.666	20	
1,2,3-Trichloropropane	46.2	10.0	50.00	0	92.3	0	200	47.50	2.88	20	
1,2,3-Trimethylbenzene	47.2	5.00	50.00	0	94.4	0	200	46.96	0.467	20	
1,2,4-Trichlorobenzene	61.0	5.00	50.00	0	122.0	0	200	60.71	0.477	20	
1,2,4-Trimethylbenzene	48.8	5.00	50.00	0	97.5	0	200	48.50	0.555	20	
1,2-Dibromo-3-chloropropane	48.6	5.00	50.00	0	97.1	0	200	50.88	4.65	20	
1,2-Dibromoethane	48.9	5.00	50.00	0	97.9	86.9	119	49.28	0.692	20	
1,2-Dichlorobenzene	48.7	5.00	50.00	0	97.3	88	119	48.52	0.288	20	
1,2-Dichloroethane	48.0	5.00	50.00	0	96.0	73	117	48.32	0.644	20	
1,2-Dichloropropane	49.5	5.00	50.00	0	99.0	0	200	49.65	0.262	20	
1,3,5-Trimethylbenzene	48.3	5.00	50.00	0	96.5	0	200	47.83	0.916	20	
1,3-Dichlorobenzene	49.7	5.00	50.00	0	99.4	85.8	125	49.66	0.0604	20	
1,3-Dichloropropane	46.2	5.00	50.00	0	92.4	0	200	46.93	1.55	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCSD-A101020-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/20/2010</b>			RunNo: <b>141559</b>		
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63855</b>	<b>SW5035</b>				Analysis Date: <b>10/20/2010</b>			SeqNo: <b>2767005</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	49.3	5.00	50.00	0	98.6	84.5	124	49.41	0.263	20	
1-Chlorobutane	43.0	5.00	50.00	0	86.1	0	200	43.38	0.764	20	
2,2-Dichloropropane	51.2	5.00	50.00	0	102.3	0	200	50.94	0.411	20	
2-Butanone	141	50.0	125.0	0	113.0	45.3	136	150.8	6.55	20	
2-Chlorotoluene	46.5	5.00	50.00	0	93.0	0	200	46.28	0.496	20	
2-Hexanone	150	50.0	125.0	0	120.0	0	200	163.7	8.76	20	
2-Nitropropane	45	50.0	50.00	0	90.1	0	200	48.01	0	20	J
4-Chlorotoluene	47.0	5.00	50.00	0	94.1	0	200	47.08	0.106	20	
4-Methyl-2-pentanone	127	50.0	125.0	0	101.7	0	200	134.3	5.44	20	
Acetone	200	50.0	125.0	0	159.9	0	200	220.0	9.59	20	
Acrylonitrile	46.2	10.0	50.00	0	92.5	0	200	48.70	5.20	20	
Allyl chloride	47.1	5.00	50.00	0	94.2	0	200	48.14	2.21	20	
Benzene	50.1	1.00	50.00	0	100.3	73.9	109	50.26	0.259	20	
Bromobenzene	47.8	5.00	50.00	0	95.6	0	200	48.36	1.19	20	
Bromochloromethane	49.2	5.00	50.00	0	98.4	0	200	49.13	0.183	20	
Bromodichloromethane	49.6	5.00	50.00	0	99.2	91.3	126	49.26	0.648	20	
Bromoform	48.6	5.00	50.00	0	97.1	0	200	49.08	1.07	20	
Bromomethane	43.8	10.0	50.00	0	87.5	0	200	46.10	5.23	20	
Carbon disulfide	51.6	5.00	50.00	0	103.1	0	200	52.11	1.04	20	
Carbon tetrachloride	52.7	5.00	50.00	0	105.3	83.3	127	52.25	0.782	20	
Chlorobenzene	49.0	5.00	50.00	0	98.1	85.8	116	48.94	0.184	20	
Chloroethane	44.4	10.0	50.00	0	88.8	0	200	46.20	4.02	20	
Chloroform	50.4	5.00	50.00	0	100.9	80	113	50.24	0.397	20	
Chloromethane	39.2	10.0	50.00	0	78.4	0	200	41.20	5.00	20	
cis-1,2-Dichloroethene	51.6	5.00	50.00	0	103.1	0	200	51.72	0.290	20	
cis-1,3-Dichloropropene	51.5	4.00	50.00	0	103.0	0	200	51.05	0.878	20	
Cyclohexanone	319	100	250.0	0	127.8	0	200	342.0	6.82	20	
Dibromochloromethane	48.2	5.00	50.00	0	96.4	89.1	119	48.34	0.269	20	
Dibromomethane	51.2	5.00	50.00	0	102.5	0	200	51.33	0.175	20	
Dichlorodifluoromethane	43.7	10.0	50.00	0	87.4	0	200	45.09	3.18	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCS-D-A101020-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141559</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63855</b>	<b>SW5035</b>				Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767005</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethyl acetate	49	50.0	50.00	0	97.4	0	200	50.56	0	20	J
Ethyl ether	51.0	5.00	50.00	0	102.1	0	200	52.70	3.18	20	
Ethyl methacrylate	46.8	5.00	50.00	0	93.6	0	200	48.74	4.06	20	
Ethylbenzene	47.9	5.00	50.00	0	95.8	84.1	115	47.99	0.229	20	
Heptane	50.8	20.0	50.00	0	101.6	0	200	50.79	0.0197	20	
Hexachlorobutadiene	51.9	5.00	50.00	0	103.8	0	200	51.52	0.716	20	
Hexachloroethane	44.8	5.00	50.00	0	89.6	0	200	44.51	0.649	20	
Iodomethane	66.4	10.0	50.00	0	132.8	0	200	64.16	3.40	20	
Isopropylbenzene	49.1	5.00	50.00	0	98.2	0	200	48.90	0.367	20	
m,p-Xylenes	95.3	5.00	100.0	0	95.3	79.1	111	95.26	0.0735	20	
Methacrylonitrile	50	50.0	50.00	0	99.9	0	200	52.06	0	20	J
Methyl Methacrylate	50.3	5.00	50.00	0	100.6	0	200	50.80	0.989	20	
Methyl tert-butyl ether	50.0	2.00	50.00	0	100.1	80	128	50.74	1.41	20	
Methylacrylate	50.7	10.0	50.00	0	101.4	0	200	52.36	3.20	20	
Methylene chloride	51.5	5.00	50.00	0	102.9	73.9	116	51.59	0.252	20	
Naphthalene	59.8	10.0	50.00	0	119.7	73.1	135	61.03	1.99	20	
n-Butylbenzene	55.3	5.00	50.00	0	110.6	0	200	55.00	0.562	20	
n-Hexane	51.7	20.0	50.00	0	103.4	0	200	51.90	0.386	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	64.52	0	20	
n-Propylbenzene	47.7	5.00	50.00	0	95.3	0	200	47.15	1.08	20	
o-Xylene	47.8	5.00	50.00	0	95.6	82	117	47.69	0.209	20	
Pentachloroethane	48.2	5.00	50.00	0	96.3	0	200	48.25	0.187	20	
p-Isopropyltoluene	50.5	5.00	50.00	0	101.0	0	200	50.68	0.336	20	
Propionitrile	50	50.0	50.00	0	99.7	0	200	57.55	0	20	J
sec-Butylbenzene	47.8	5.00	50.00	0	95.7	0	200	47.48	0.734	20	
Styrene	48.1	5.00	50.00	0	96.2	0	200	47.88	0.458	20	
tert-Butylbenzene	46.3	5.00	50.00	0	92.6	0	200	46.56	0.538	20	
Tetrachloroethene	51.8	5.00	50.00	0	103.7	74.6	115	51.17	1.28	20	
Tetrahydrofuran	50.9	50.0	50.00	0	101.8	0	200	52.23	2.60	20	
Toluene	47.9	5.00	50.00	0	95.8	79.1	112	47.88	0.0626	20	

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCSA-A101020-1</b>		SampType: <b>LCSA</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/20/2010</b>			RunNo: <b>141559</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>63855</b>		<b>SW5035</b>		Analysis Date: <b>10/20/2010</b>			SeqNo: <b>2767005</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	50.0	5.00	50.00	0	100	0	200	50.62	1.25	20	
trans-1,3-Dichloropropene	46.1	4.00	50.00	0	92.3	0	200	46.48	0.756	20	
trans-1,4-Dichloro-2-butene	44.5	10.0	50.00	0	89.0	0	200	45.18	1.56	20	
Trichloroethene	54.5	5.00	50.00	0	109.0	81	111	55.06	1.04	20	
Trichlorofluoromethane	48.6	5.00	50.00	0	97.2	0	200	49.16	1.10	20	
Vinyl acetate	47	50.0	50.00	0	93.6	0	200	47.63	0	20	J
Vinyl chloride	46.3	2.00	50.00	0	92.7	0	200	48.36	4.27	20	
Surr: 1,2-Dichloroethane-d4	46.4		50.00		92.9	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	53.1		50.00		106.2	82.1	116		0	20	
Surr: Dibromofluoromethane	50.7		50.00		101.4	77.7	120		0	20	
Surr: Toluene-d8	47.6		50.00		95.1	86	116		0	20	

Sample ID: <b>LCSG-A101020-1</b>		SampType: <b>LCSG</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/20/2010</b>			RunNo: <b>141559</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>63855</b>		<b>SW5035</b>		Analysis Date: <b>10/20/2010</b>			SeqNo: <b>2767007</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	2060	1000	2000	0	103.1	70	130				
Surr: 1,2-Dichloroethane-d4	46.2		50.00		92.5	61	128				
Surr: 4-Bromofluorobenzene	54.2		50.00		108.3	78.2	117				
Surr: Dibromofluoromethane	49.1		50.00		98.3	66.6	130				
Surr: Toluene-d8	48.2		50.00		96.4	80.1	122				

Sample ID: <b>LCSGD-A101020-1</b>		SampType: <b>LCSGD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/20/2010</b>			RunNo: <b>141559</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>63855</b>		<b>SW5035</b>		Analysis Date: <b>10/20/2010</b>			SeqNo: <b>2767008</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	2090	1000	2000	0	104.6	70	130	2063	1.44	20	
Surr: 1,2-Dichloroethane-d4	46.5		50.00		93.0	61	128		0	0	
Surr: 4-Bromofluorobenzene	53.2		50.00		106.5	78.2	117		0	0	
Surr: Dibromofluoromethane	49.3		50.00		98.6	66.6	130		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCSGD-A101020-1</b>	SampType: <b>LCSGD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141559</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63855</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767008</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Toluene-d8	48.0		50.00		96.0	80.1	122		0	0	
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Sample ID: <b>MBLK-A101020-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141559</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63855</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767009</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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>MBLK-A101020-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141559</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63855</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767009</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
Acetonitrile	ND	100									
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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>MBLK-A101020-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141559</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63855</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767009</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.00									
Ethyl methacrylate	ND	5.00									
Ethylbenzene	ND	5.00									
Gasoline Range Organics (OA-1)	ND	1000									
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	1.1	5.00									J
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 6240908012

Test Number: **SW8260B**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>MBLK-A101020-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141559</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63855</b>	<b>SW5035</b>	Analysis Date: <b>10/20/2010</b>	SeqNo: <b>2767009</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									
trans-1,4-Dichloro-2-butene	ND	10.0									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Surr: 1,2-Dichloroethane-d4	49.5		50.00		98.9	72.2	131				
Surr: 4-Bromofluorobenzene	52.4		50.00		104.9	82.1	116				
Surr: Dibromofluoromethane	50.9		50.00		101.7	77.7	120				
Surr: Toluene-d8	48.4		50.00		96.8	86	116				

Sample ID: <b>LCS-A101021-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141588</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63871</b>	<b>SW5035</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767803</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.4	5.00	50.00	0	100.8	0	200				
1,1,1-Trichloroethane	51.9	5.00	50.00	0	103.7	85.8	124				
1,1,2,2-Tetrachloroethane	53.0	5.00	50.00	0	106.0	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	54.5	5.00	50.00	0	109.1	0	200				
1,1,2-Trichloroethane	50.0	5.00	50.00	0	100.1	0	200				
1,1-Dichloro-2-propanone	154	50.0	125.0	0	123.4	0	200				
1,1-Dichloroethane	50.1	5.00	50.00	0	100.2	0	200				
1,1-Dichloroethene	50.8	5.00	50.00	0	101.6	60.1	131				
1,1-Dichloropropene	52.3	5.00	50.00	0	104.7	0	200				
1,2,3-Trichlorobenzene	65.8	5.00	50.00	0	131.7	0	200				
1,2,3-Trichloropropane	51.8	10.0	50.00	0	103.7	0	200				
1,2,3-Trimethylbenzene	50.1	5.00	50.00	0	100.3	0	200				
1,2,4-Trichlorobenzene	66.8	5.00	50.00	0	133.6	0	200				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCS-A101021-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/21/2010</b>	RunNo: <b>141588</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63871</b>	<b>SW5035</b>				Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767803</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	51.4	5.00	50.00	0	102.8	0	200				
1,2-Dibromo-3-chloropropane	60.2	5.00	50.00	0	120.3	0	200				
1,2-Dibromoethane	50.6	5.00	50.00	0	101.2	86.9	119				
1,2-Dichlorobenzene	54.0	5.00	50.00	0	107.9	88	119				
1,2-Dichloroethane	49.0	5.00	50.00	0	98.0	73	117				
1,2-Dichloropropane	50.5	5.00	50.00	0	101.1	0	200				
1,3,5-Trimethylbenzene	50.3	5.00	50.00	0	100.5	0	200				
1,3-Dichlorobenzene	53.7	5.00	50.00	0	107.4	85.8	125				
1,3-Dichloropropane	48.1	5.00	50.00	0	96.2	0	200				
1,4-Dichlorobenzene	53.9	5.00	50.00	0	107.8	84.5	124				
1-Chlorobutane	43.6	5.00	50.00	0	87.3	0	200				
2,2-Dichloropropane	51.5	5.00	50.00	0	103.0	0	200				
2-Butanone	135	50.0	125.0	0	108.1	45.3	136				
2-Chlorotoluene	49.0	5.00	50.00	0	98.0	0	200				
2-Hexanone	166	50.0	125.0	0	132.5	0	200				
2-Nitropropane	49	50.0	50.00	0	97.1	0	200				J
4-Chlorotoluene	50.3	5.00	50.00	0	100.5	0	200				
4-Methyl-2-pentanone	141	50.0	125.0	0	112.8	0	200				
Acetone	166	50.0	125.0	0	132.5	0	200				
Acrylonitrile	48.2	10.0	50.00	0	96.3	0	200				
Allyl chloride	48.5	5.00	50.00	0	96.9	0	200				
Benzene	50.8	1.00	50.00	0	101.6	73.9	109				
Bromobenzene	50.1	5.00	50.00	0	100.1	0	200				
Bromochloromethane	49.8	5.00	50.00	0	99.6	0	200				
Bromodichloromethane	51.1	5.00	50.00	0	102.2	91.3	126				
Bromoform	54.2	5.00	50.00	0	108.4	0	200				
Bromomethane	43.4	10.0	50.00	0	86.8	0	200				
Carbon disulfide	50.8	5.00	50.00	0	101.6	0	200				
Carbon tetrachloride	52.7	5.00	50.00	0	105.3	83.3	127				
Chlorobenzene	51.2	5.00	50.00	0	102.3	85.8	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: LCS-A101021-1	SampType: LCS	Units: µg/Kg				Prep Date: 10/21/2010	RunNo: 141588				
Client ID: ZZZZZZ	Batch ID: 63871	SW5035				Analysis Date: 10/21/2010	SeqNo: 2767803				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	45.1	10.0	50.00	0	90.3	0	200				
Chloroform	51.2	5.00	50.00	0	102.3	80	113				
Chloromethane	37.8	10.0	50.00	0	75.5	0	200				
cis-1,2-Dichloroethene	51.9	5.00	50.00	0	103.8	0	200				
cis-1,3-Dichloropropene	52.2	4.00	50.00	0	104.3	0	200				
Cyclohexanone	373	100	250.0	0	149.1	0	200				
Dibromochloromethane	50.3	5.00	50.00	0	100.6	89.1	119				
Dibromomethane	51.9	5.00	50.00	0	103.8	0	200				
Dichlorodifluoromethane	37.0	10.0	50.00	0	74.1	0	200				
Ethyl acetate	50.4	50.0	50.00	0	100.7	0	200				
Ethyl ether	50.8	5.00	50.00	0	101.7	0	200				
Ethyl methacrylate	50.0	5.00	50.00	0	100.1	0	200				
Ethylbenzene	49.9	5.00	50.00	0	99.9	84.1	115				
Heptane	52.0	20.0	50.00	0	104.0	0	200				
Hexachlorobutadiene	58.9	5.00	50.00	0	117.8	0	200				
Hexachloroethane	49.5	5.00	50.00	0	98.9	0	200				
Iodomethane	63.6	10.0	50.00	0	127.2	0	200				
Isopropylbenzene	52.1	5.00	50.00	0	104.1	0	200				
m,p-Xylenes	99.5	5.00	100.0	0	99.5	79.1	111				
Methacrylonitrile	51.4	50.0	50.00	0	102.8	0	200				
Methyl Methacrylate	51.9	5.00	50.00	0	103.8	0	200				
Methyl tert-butyl ether	49.4	2.00	50.00	0	98.8	80	128				
Methylacrylate	52.6	10.0	50.00	0	105.1	0	200				
Methylene chloride	50.6	5.00	50.00	0	101.2	73.9	116				
Naphthalene	67.0	10.0	50.00	0	134.0	73.1	135				
n-Butylbenzene	58.2	5.00	50.00	0	116.4	0	200				
n-Hexane	51.8	20.0	50.00	0	103.6	0	200				
Nitrobenzene	49	100	50.00	0	97.2	0	200				J
n-Propylbenzene	50.0	5.00	50.00	0	100.1	0	200				
o-Xylene	50.2	5.00	50.00	0	100.3	82	117				

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCS-A101021-1</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/21/2010</b>		RunNo: <b>141588</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>63871</b>		<b>SW5035</b>		Analysis Date: <b>10/21/2010</b>		SeqNo: <b>2767803</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachloroethane	54.0	5.00	50.00	0	107.9	0	200				
p-Isopropyltoluene	54.0	5.00	50.00	0	107.9	0	200				
Propionitrile	52.9	50.0	50.00	0	105.8	0	200				
sec-Butylbenzene	51.2	5.00	50.00	0	102.4	0	200				
Styrene	51.1	5.00	50.00	0	102.2	0	200				
tert-Butylbenzene	49.1	5.00	50.00	0	98.3	0	200				
Tetrachloroethene	51.8	5.00	50.00	0	103.6	74.6	115				
Tetrahydrofuran	53.8	50.0	50.00	0	107.6	0	200				
Toluene	48.9	5.00	50.00	0	97.7	79.1	112				
trans-1,2-Dichloroethene	50.2	5.00	50.00	0	100.5	0	200				
trans-1,3-Dichloropropene	47.9	4.00	50.00	0	95.9	0	200				
trans-1,4-Dichloro-2-butene	50.8	10.0	50.00	0	101.6	0	200				
Trichloroethene	54.7	5.00	50.00	0	109.5	81	111				
Trichlorofluoromethane	47.3	5.00	50.00	0	94.6	0	200				
Vinyl acetate	47	50.0	50.00	0	93.9	0	200				J
Vinyl chloride	45.7	2.00	50.00	0	91.4	0	200				
Surr: 1,2-Dichloroethane-d4	46.1		50.00		92.3	72.2	131				
Surr: 4-Bromofluorobenzene	53.2		50.00		106.5	82.1	116				
Surr: Dibromofluoromethane	50.7		50.00		101.5	77.7	120				
Surr: Toluene-d8	47.8		50.00		95.6	86	116				

Sample ID: <b>LCSG-A101021-1</b>		SampType: <b>LCSG</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/21/2010</b>		RunNo: <b>141588</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>63871</b>		<b>SW5035</b>		Analysis Date: <b>10/21/2010</b>		SeqNo: <b>2767805</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	2310	1000	2000	0	115.3	70	130				
Surr: 1,2-Dichloroethane-d4	46.6		50.00		93.2	61	128				
Surr: 4-Bromofluorobenzene	54.2		50.00		108.4	78.2	117				
Surr: Dibromofluoromethane	49.3		50.00		98.6	66.6	130				
Surr: Toluene-d8	48.1		50.00		96.2	80.1	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCSGD-A101021-1</b>		SampType: <b>LCSGD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/21/2010</b>			RunNo: <b>141588</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>63871</b>		<b>SW5035</b>		Analysis Date: <b>10/21/2010</b>			SeqNo: <b>2767806</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	2140	1000	2000	0	106.8	70	130	2306	7.61	20	
Surr: 1,2-Dichloroethane-d4	45.7		50.00		91.4	61	128		0	0	
Surr: 4-Bromofluorobenzene	54.0		50.00		107.9	78.2	117		0	0	
Surr: Dibromofluoromethane	48.5		50.00		97.0	66.6	130		0	0	
Surr: Toluene-d8	47.8		50.00		95.7	80.1	122		0	0	

Sample ID: <b>LCSD-A101021-1</b>		SampType: <b>LCSD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/21/2010</b>			RunNo: <b>141588</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>63871</b>		<b>SW5035</b>		Analysis Date: <b>10/21/2010</b>			SeqNo: <b>2767807</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	48.1	5.00	50.00	0	96.2	0	200	50.39	4.61	20	
1,1,1-Trichloroethane	51.2	5.00	50.00	0	102.5	85.8	124	51.86	1.20	20	
1,1,2,2-Tetrachloroethane	48.5	5.00	50.00	0	97.0	0	200	53.00	8.85	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	54.1	5.00	50.00	0	108.2	0	200	54.54	0.792	20	
1,1,2-Trichloroethane	48.8	5.00	50.00	0	97.5	0	200	50.05	2.61	20	
1,1-Dichloro-2-propanone	144	50.0	125.0	0	115.6	0	200	154.3	6.55	20	
1,1-Dichloroethane	50.0	5.00	50.00	0	99.9	0	200	50.09	0.260	20	
1,1-Dichloroethene	49.8	5.00	50.00	0	99.6	60.1	131	50.79	1.97	20	
1,1-Dichloropropene	51.3	5.00	50.00	0	102.5	0	200	52.33	2.05	20	
1,2,3-Trichlorobenzene	60.8	5.00	50.00	0	121.6	0	200	65.83	7.94	20	
1,2,3-Trichloropropane	47.5	10.0	50.00	0	95.0	0	200	51.85	8.78	20	
1,2,3-Trimethylbenzene	46.8	5.00	50.00	0	93.7	0	200	50.14	6.78	20	
1,2,4-Trichlorobenzene	60.6	5.00	50.00	0	121.2	0	200	66.78	9.74	20	
1,2,4-Trimethylbenzene	48.2	5.00	50.00	0	96.3	0	200	51.38	6.49	20	
1,2-Dibromo-3-chloropropane	54.5	5.00	50.00	0	109.1	0	200	60.16	9.82	20	
1,2-Dibromoethane	49.5	5.00	50.00	0	99.1	86.9	119	50.58	2.08	20	
1,2-Dichlorobenzene	48.9	5.00	50.00	0	97.8	88	119	53.96	9.80	20	
1,2-Dichloroethane	49.4	5.00	50.00	0	98.7	73	117	48.98	0.793	20	
1,2-Dichloropropane	50.6	5.00	50.00	0	101.1	0	200	50.53	0.0791	20	
1,3,5-Trimethylbenzene	47.3	5.00	50.00	0	94.7	0	200	50.27	6.02	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCSD-A101021-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/21/2010</b>	RunNo: <b>141588</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63871</b>	<b>SW5035</b>				Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767807</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	48.7	5.00	50.00	0	97.4	85.8	125	53.68	9.77	20	
1,3-Dichloropropane	46.9	5.00	50.00	0	93.8	0	200	48.12	2.53	20	
1,4-Dichlorobenzene	48.5	5.00	50.00	0	96.9	84.5	124	53.92	10.6	20	
1-Chlorobutane	42.0	5.00	50.00	0	84.1	0	200	43.65	3.78	20	
2,2-Dichloropropane	50.3	5.00	50.00	0	100.6	0	200	51.48	2.36	20	
2-Butanone	127	50.0	125.0	0	101.5	45.3	136	135.1	6.31	20	
2-Chlorotoluene	46.0	5.00	50.00	0	92.1	0	200	48.98	6.17	20	
2-Hexanone	146	50.0	125.0	0	116.5	0	200	165.6	12.8	20	
2-Nitropropane	48	50.0	50.00	0	96.0	0	200	48.55	0	20	J
4-Chlorotoluene	46.2	5.00	50.00	0	92.4	0	200	50.26	8.42	20	
4-Methyl-2-pentanone	138	50.0	125.0	0	110.0	0	200	141.0	2.49	20	
Acetone	137	50.0	125.0	0	109.4	0	200	165.6	19.0	20	
Acrylonitrile	49.9	10.0	50.00	0	99.8	0	200	48.16	3.59	20	
Allyl chloride	48.8	5.00	50.00	0	97.6	0	200	48.47	0.638	20	
Benzene	50.4	1.00	50.00	0	100.9	73.9	109	50.80	0.691	20	
Bromobenzene	49.2	5.00	50.00	0	98.5	0	200	50.06	1.65	20	
Bromochloromethane	49.9	5.00	50.00	0	99.8	0	200	49.79	0.241	20	
Bromodichloromethane	51.1	5.00	50.00	0	102.2	91.3	126	51.12	0	20	
Bromoform	51.1	5.00	50.00	0	102.1	0	200	54.18	5.91	20	
Bromomethane	44.4	10.0	50.00	0	88.8	0	200	43.40	2.23	20	
Carbon disulfide	50.4	5.00	50.00	0	100.7	0	200	50.82	0.929	20	
Carbon tetrachloride	51.7	5.00	50.00	0	103.3	83.3	127	52.67	1.92	20	
Chlorobenzene	48.9	5.00	50.00	0	97.7	85.8	116	51.15	4.58	20	
Chloroethane	45.4	10.0	50.00	0	90.8	0	200	45.13	0.552	20	
Chloroform	50.6	5.00	50.00	0	101.3	80	113	51.17	1.02	20	
Chloromethane	38.9	10.0	50.00	0	77.8	0	200	37.76	2.95	20	
cis-1,2-Dichloroethene	51.5	5.00	50.00	0	103.0	0	200	51.91	0.812	20	
cis-1,3-Dichloropropene	52.0	4.00	50.00	0	104.0	0	200	52.16	0.269	20	
Cyclohexanone	330	100	250.0	0	132.0	0	200	372.7	12.2	20	
Dibromochloromethane	49.0	5.00	50.00	0	98.1	89.1	119	50.32	2.60	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCSD-A101021-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/21/2010</b>	RunNo: <b>141588</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63871</b>	<b>SW5035</b>				Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767807</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromomethane	52.7	5.00	50.00	0	105.4	0	200	51.92	1.51	20	
Dichlorodifluoromethane	37.2	10.0	50.00	0	74.4	0	200	37.03	0.512	20	
Ethyl acetate	52.1	50.0	50.00	0	104.2	0	200	50.36	3.36	20	
Ethyl ether	52.1	5.00	50.00	0	104.1	0	200	50.84	2.39	20	
Ethyl methacrylate	49.2	5.00	50.00	0	98.4	0	200	50.03	1.69	20	
Ethylbenzene	47.7	5.00	50.00	0	95.3	84.1	115	49.94	4.65	20	
Heptane	50.0	20.0	50.00	0	100	0	200	51.98	3.84	20	
Hexachlorobutadiene	53.0	5.00	50.00	0	105.9	0	200	58.92	10.7	20	
Hexachloroethane	45.8	5.00	50.00	0	91.5	0	200	49.46	7.75	20	
Iodomethane	57.6	10.0	50.00	0	115.2	0	200	63.60	9.94	20	
Isopropylbenzene	49.2	5.00	50.00	0	98.4	0	200	52.07	5.69	20	
m,p-Xylenes	94.6	5.00	100.0	0	94.6	79.1	111	99.46	5.03	20	
Methacrylonitrile	53.1	50.0	50.00	0	106.1	0	200	51.42	3.16	20	
Methyl Methacrylate	53.0	5.00	50.00	0	106.1	0	200	51.88	2.21	20	
Methyl tert-butyl ether	51.0	2.00	50.00	0	102.0	80	128	49.42	3.11	20	
Methylacrylate	53.4	10.0	50.00	0	106.9	0	200	52.57	1.62	20	
Methylene chloride	50.4	5.00	50.00	0	100.9	73.9	116	50.58	0.297	20	
Naphthalene	63.7	10.0	50.00	0	127.3	73.1	135	67.00	5.10	20	
n-Butylbenzene	53.6	5.00	50.00	0	107.1	0	200	58.19	8.27	20	
n-Hexane	49.0	20.0	50.00	0	98.1	0	200	51.79	5.48	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	48.61	0	20	
n-Propylbenzene	46.5	5.00	50.00	0	93.0	0	200	50.03	7.31	20	
o-Xylene	47.5	5.00	50.00	0	94.9	82	117	50.16	5.51	20	
Pentachloroethane	49.3	5.00	50.00	0	98.7	0	200	53.96	8.97	20	
p-Isopropyltoluene	49.8	5.00	50.00	0	99.6	0	200	53.96	8.04	20	
Propionitrile	53.6	50.0	50.00	0	107.1	0	200	52.90	1.24	20	
sec-Butylbenzene	47.5	5.00	50.00	0	95.0	0	200	51.19	7.50	20	
Styrene	47.7	5.00	50.00	0	95.5	0	200	51.10	6.82	20	
tert-Butylbenzene	46.2	5.00	50.00	0	92.5	0	200	49.13	6.06	20	
Tetrachloroethene	48.9	5.00	50.00	0	97.9	74.6	115	51.81	5.72	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCS-D-A101021-1</b>		SampType: <b>LCS-D</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/21/2010</b>			RunNo: <b>141588</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63871</b>		<b>SW5035</b>		Analysis Date: <b>10/21/2010</b>			SeqNo: <b>2767807</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrahydrofuran	55.2	50.0	50.00	0	110.4	0	200	53.81	2.53	20	
Toluene	47.2	5.00	50.00	0	94.5	79.1	112	48.87	3.41	20	
trans-1,2-Dichloroethene	49.5	5.00	50.00	0	99.0	0	200	50.24	1.48	20	
trans-1,3-Dichloropropene	46.7	4.00	50.00	0	93.4	0	200	47.93	2.56	20	
trans-1,4-Dichloro-2-butene	46.2	10.0	50.00	0	92.4	0	200	50.79	9.51	20	
Trichloroethene	53.7	5.00	50.00	0	107.5	81	111	54.73	1.83	20	
Trichlorofluoromethane	47.4	5.00	50.00	0	94.8	0	200	47.30	0.169	20	
Vinyl acetate	48	50.0	50.00	0	97.0	0	200	46.96	0	20	J
Vinyl chloride	45.6	2.00	50.00	0	91.1	0	200	45.69	0.263	20	
Surr: 1,2-Dichloroethane-d4	47.4		50.00		94.8	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	53.2		50.00		106.3	82.1	116		0	20	
Surr: Dibromofluoromethane	51.0		50.00		102.0	77.7	120		0	20	
Surr: Toluene-d8	47.0		50.00		94.1	86	116		0	20	

Sample ID: <b>MBLK-A101021-1</b>		SampType: <b>MBLK</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/21/2010</b>			RunNo: <b>141588</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63871</b>		<b>SW5035</b>		Analysis Date: <b>10/21/2010</b>			SeqNo: <b>2767808</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichloroethane	ND	5.0									
Benzene	ND	1.0									
Ethylbenzene	ND	5.0									
Gasoline Range Organics (OA-1)	ND	1000									
m,p-Xylenes	ND	5.0									
Methyl tert-butyl ether	ND	2.0									
Naphthalene	ND	10									
o-Xylene	ND	5.0									
Toluene	ND	5.0									
Surr: 1,2-Dichloroethane-d4	48.4		50.00		96.8	72.2	131				
Surr: 4-Bromofluorobenzene	51.6		50.00		103.3	82.1	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>MBLK-A101021-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/21/2010</b>	RunNo: <b>141588</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63871</b>	<b>SW5035</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767808</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	50.4		50.00		100.8	77.7	120				
Surr: Toluene-d8	48.4		50.00		96.9	86	116				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>MB-63854</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141598</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63854</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767990</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	0.034									
Acenaphthylene	ND	0.034									
Aniline	ND	0.500									
Anthracene	ND	0.034									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>MB-63854</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141598</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63854</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767990</b>							
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	0.034									
Benzo(a)pyrene	ND	0.034									
Benzo(b)fluoranthene	ND	0.034									
Benzo(g,h,i)perylene	ND	0.034									
Benzo(k)fluoranthene	ND	0.034									
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	0.034									
Dibenzo(a,h)anthracene	ND	0.034									
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	0.034									
Fluorene	ND	0.034									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.034									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>MB-63854</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141598</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63854</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767990</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	0.034									
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	0.034									
Phenol	ND	0.350									
Pyrene	ND	0.034									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.71		1.670		102.3	52.1	113				
Surr: 2-Fluorobiphenyl	0.714		0.8350		85.5	46.3	106				
Surr: 2-Fluorophenol	1.32		1.670		78.9	50.6	89				
Surr: Nitrobenzene-d5	0.695		0.8350		83.2	42.4	99.2				
Surr: Phenol-d5	1.39		1.670		83.0	55.9	98.5				
Surr: p-Terphenyl-d14	0.846		0.8350		101.4	45.5	115				

Sample ID: <b>LCS-63854</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141598</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63854</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767991</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.36	0.500	1.670	0	81.3	43.9	92.2				
1,4-Dichlorobenzene	1.25	0.500	1.670	0	74.6	43.8	84.1				
2,4,5-Trichlorophenol	3.26	0.350	3.330	0	97.9	38.6	123				
2,4,6-Trichlorophenol	3.14	0.350	3.330	0	94.2	35.9	123				
2,4-Dimethylphenol	2.72	0.500	3.330	0	81.6	38.3	88				
2,4-Dinitrophenol	3.06	1.00	3.330	0	91.9	1.88	162				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCS-63854</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>10/20/2010</b>	RunNo: <b>141598</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63854</b>	<b>SW3550B</b>				Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767991</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.41	0.350	1.670	0	84.6	48.6	102				
2-Chlorophenol	3.12	0.500	3.330	0	93.7	46.6	84				S
4-Chloro-3-methylphenol	3.03	0.500	3.330	0	90.9	51.5	94.9				
4-Nitrophenol	3.74	0.350	3.330	0	112.4	53.2	104				S
Acenaphthene	1.37	0.034	1.670	0	81.9	50.8	113				
Acenaphthylene	1.49	0.034	1.670	0	89.2	52.8	121				
Anthracene	1.25	0.034	1.670	0	74.9	53.3	115				
Benzo(a)anthracene	1.31	0.034	1.670	0	78.5	62.3	110				
Benzo(a)pyrene	1.37	0.034	1.670	0	81.9	58.2	109				
Benzo(b)fluoranthene	1.40	0.034	1.670	0	84.1	51.8	107				
Benzo(g,h,i)perylene	1.66	0.034	1.670	0	99.3	49.6	121				
Benzo(k)fluoranthene	1.59	0.034	1.670	0	95.3	63.1	129				
Bis(2-ethylhexyl)phthalate	1.56	0.350	1.670	0	93.2	56.3	109				
Chrysene	1.40	0.034	1.670	0	83.6	58.4	115				
Dibenzo(a,h)anthracene	1.56	0.034	1.670	0	93.6	54.9	120				
Diethyl phthalate	2.94	0.500	3.330	0	88.4	51.7	106				
Dimethyl phthalate	2.75	0.350	3.330	0	82.5	58.8	104				
Di-n-butyl phthalate	1.43	0.350	1.670	0	85.5	54.3	105				
Fluoranthene	1.40	0.034	1.670	0	83.9	61.6	113				
Fluorene	1.45	0.034	1.670	0	87.0	52.2	116				
Hexachlorobenzene	3.02	0.350	3.330	0	90.7	55.9	106				
Hexachlorobutadiene	2.76	0.500	3.330	0	82.9	35.7	100				
Hexachloroethane	2.60	0.500	3.330	0	78.0	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.60	0.034	1.670	0	96.0	52.7	115				
m,p-Cresol	1.41	0.500	1.670	0	84.2	37.6	93.7				
Naphthalene	1.32	0.034	1.670	0	78.8	45.7	101				
Nitrobenzene	2.54	0.500	3.330	0	76.4	51.8	104				
N-Nitroso-di-n-propylamine	1.28	0.500	1.670	0	76.8	49.1	94.5				
o-Cresol	1.42	0.500	1.670	0	85.0	43	101				
Pentachlorophenol	2.85	2.00	3.330	0	85.7	42.2	102				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCS-63854</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/20/2010</b>		RunNo: <b>141598</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>63854</b>		<b>SW3550B</b>		Analysis Date: <b>10/21/2010</b>		SeqNo: <b>2767991</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.40	0.034	1.670	0	83.6	52.9	113				
Phenol	2.82	0.350	3.330	0	84.8	41.6	81.3				S
Pyrene	1.39	0.034	1.670	0	83.1	60.7	115				
Pyridine	1.74	0.500	3.330	0	52.1	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.66		1.670		99.5	52.1	113				
Surr: 2-Fluorobiphenyl	0.690		0.8350		82.6	46.3	106				
Surr: 2-Fluorophenol	1.34		1.670		80.2	50.6	89				
Surr: Nitrobenzene-d5	0.649		0.8350		77.8	42.4	99.2				
Surr: Phenol-d5	1.40		1.670		83.8	55.9	98.5				
Surr: p-Terphenyl-d14	0.786		0.8350		94.1	45.5	115				

Sample ID: <b>10100831-003AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/20/2010</b>		RunNo: <b>141598</b>			
Client ID: <b>P6-D4.5-F(25)MS</b>		Batch ID: <b>63854</b>		<b>SW3550B</b>		Analysis Date: <b>10/21/2010</b>		SeqNo: <b>2767995</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.18	0.553	1.846	0	63.9	35.9	102				
1,4-Dichlorobenzene	1.02	0.553	1.846	0	55.1	29.8	95.5				
2,4,5-Trichlorophenol	2.63	0.387	3.681	0	71.4	38.6	123				
2,4,6-Trichlorophenol	2.96	0.387	3.681	0	80.4	35.9	123				
2,4-Dimethylphenol	2.56	0.553	3.681	0	69.6	38.3	88				
2,4-Dinitrophenol	1.64	1.11	3.681	0	44.5	1.88	162				
2,4-Dinitrotoluene	1.25	0.387	1.846	0	67.6	37.5	107				
2-Chlorophenol	2.43	0.553	3.681	0	66.0	22.6	108				
4-Chloro-3-methylphenol	2.72	0.553	3.681	0	73.9	19.3	131				
4-Nitrophenol	3.04	0.387	3.681	0	82.7	27.6	123				
Diethyl phthalate	2.62	0.553	3.681	0	71.2	51.7	106				
Dimethyl phthalate	2.49	0.387	3.681	0	67.5	58.8	104				
Di-n-butyl phthalate	1.30	0.387	1.846	0	70.3	54.3	105				
Hexachlorobenzene	2.86	0.387	3.681	0	77.8	55.9	106				
Hexachlorobutadiene	2.17	0.553	3.681	0	59.0	35.7	100				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>10100831-003AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/20/2010</b>		RunNo: <b>141598</b>			
Client ID: <b>P6-D4.5-F(25)MS</b>		Batch ID: <b>63854</b>		<b>SW3550B</b>		Analysis Date: <b>10/21/2010</b>		SeqNo: <b>2767995</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	1.78	0.553	3.681	0	48.2	38.9	89.9				
m,p-Cresol	1.17	0.553	1.846	0	63.2	37.6	93.7				
Nitrobenzene	2.29	0.553	3.681	0	62.2	51.8	104				
N-Nitroso-di-n-propylamine	1.07	0.553	1.846	0	58.1	45.5	99.1				
o-Cresol	1.15	0.553	1.846	0	62.5	43	101				
Pentachlorophenol	1.7	2.21	3.681	0	47.3	18.5	113				J
Phenol	2.43	0.387	3.681	0	66.0	20.8	110				
Pyridine	1.47	0.553	3.681	0	40.0	3.61	74.3				
Surr: 2,4,6-Tribromophenol	0.997		1.846		54.0	32.7	130				
Surr: 2-Fluorobiphenyl	0.555		0.9231		60.1	34.1	116				
Surr: 2-Fluorophenol	0.972		1.846		52.6	30.5	99				
Surr: Nitrobenzene-d5	0.494		0.9231		53.5	34.1	101				
Surr: Phenol-d5	1.09		1.846		59.3	34.9	110				
Surr: p-Terphenyl-d14	0.731		0.9231		79.2	41.7	124				

Sample ID: <b>10100831-003AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/20/2010</b>		RunNo: <b>141598</b>			
Client ID: <b>P6-D4.5-F(25)MSD</b>		Batch ID: <b>63854</b>		<b>SW3550B</b>		Analysis Date: <b>10/21/2010</b>		SeqNo: <b>2767996</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.30	0.554	1.850	0	70.0	35.9	102	1.180	9.29	40	
1,4-Dichlorobenzene	1.19	0.554	1.850	0	64.1	29.8	95.5	1.017	15.3	40	
2,4,5-Trichlorophenol	2.87	0.388	3.690	0	77.7	38.6	123	2.629	8.68	40	
2,4,6-Trichlorophenol	2.99	0.388	3.690	0	81.2	35.9	123	2.959	1.20	40	
2,4-Dimethylphenol	2.82	0.554	3.690	0	76.5	38.3	88	2.561	9.69	40	
2,4-Dinitrophenol	1.88	1.11	3.690	0	50.9	1.88	162	1.640	13.6	40	
2,4-Dinitrotoluene	1.45	0.388	1.850	0	78.5	37.5	107	1.248	15.1	40	
2-Chlorophenol	2.76	0.554	3.690	0	74.8	22.6	108	2.431	12.7	40	
4-Chloro-3-methylphenol	2.89	0.554	3.690	0	78.4	19.3	131	2.720	6.21	40	
4-Nitrophenol	3.52	0.388	3.690	0	95.5	27.6	123	3.044	14.6	40	
Diethyl phthalate	3.09	0.554	3.690	0	83.6	51.7	106	2.621	16.3	40	

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>10100831-003AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/20/2010</b>		RunNo: <b>141598</b>			
Client ID: <b>P6-D4.5-F(25)MSD</b>		Batch ID: <b>63854</b>		<b>SW3550B</b>		Analysis Date: <b>10/21/2010</b>		SeqNo: <b>2767996</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	2.75	0.388	3.690	0	74.6	58.8	104	2.485	10.2	40	
Di-n-butyl phthalate	1.56	0.388	1.850	0	84.3	54.3	105	1.297	18.4	40	
Hexachlorobenzene	3.37	0.388	3.690	0	91.3	55.9	106	2.864	16.2	40	
Hexachlorobutadiene	2.55	0.554	3.690	0	69.0	35.7	100	2.173	15.9	40	
Hexachloroethane	2.25	0.554	3.690	0	60.9	38.9	89.9	1.776	23.4	40	
m,p-Cresol	1.32	0.554	1.850	0	71.3	37.6	93.7	1.166	12.4	40	
Nitrobenzene	2.36	0.554	3.690	0	64.0	51.8	104	2.290	3.06	40	
N-Nitroso-di-n-propylamine	1.19	0.554	1.850	0	64.4	45.5	99.1	1.073	10.5	40	
o-Cresol	1.26	0.554	1.850	0	68.0	43	101	1.155	8.61	40	
Pentachlorophenol	2.0	2.22	3.690	0	55.3	18.5	113	1.742	0	40	J
Phenol	2.57	0.388	3.690	0	69.6	20.8	110	2.428	5.57	40	
Pyridine	1.62	0.554	3.690	0	43.9	3.61	74.3	1.473	9.48	40	
Surr: 2,4,6-Tribromophenol	1.14		1.850		61.4	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	0.577		0.9252		62.3	34.1	116		0	40	
Surr: 2-Fluorophenol	1.02		1.850		55.3	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.488		0.9252		52.8	34.1	101		0	40	
Surr: Phenol-d5	1.17		1.850		63.1	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.804		0.9252		86.9	41.7	124		0	40	

Sample ID: <b>MB-63853</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/20/2010</b>		RunNo: <b>141597</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63853</b>		<b>SW3550B</b>		Analysis Date: <b>10/21/2010</b>		SeqNo: <b>2767924</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 6240908012

Test Number: **SW8270C**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>MB-63853</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141597</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63853</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767924</b>							
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	0.765		0.8330		91.8	17.5	123				
Surr: 2-Fluorophenol	1.40		1.670		84.1	23	117				
Surr: Nitrobenzene-d5	0.754		0.8330		90.5	35	105				
Surr: Phenol-d5	1.29		1.670		77.5	33.2	125				
Surr: p-Terphenyl-d14	0.736		0.8330		88.4	53.6	122				

Sample ID: <b>LCS-63853</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141597</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63853</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767925</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.119	0.003	0.1670	0	71.3	56.3	115				
Acenaphthylene	0.123	0.003	0.1670	0	73.4	60.3	143				
Anthracene	0.112	0.003	0.1670	0	66.9	52.1	109				
Benzo(a)anthracene	0.117	0.003	0.1670	0	69.9	52.8	112				
Benzo(a)pyrene	0.122	0.003	0.1670	0	73.3	40.8	127				
Benzo(b)fluoranthene	0.126	0.003	0.1670	0	75.6	50.1	150				
Benzo(g,h,i)perylene	0.114	0.003	0.1670	0	68.2	52.8	145				
Benzo(k)fluoranthene	0.122	0.003	0.1670	0	73.3	52	153				
Bis(2-ethylhexyl)phthalate	0.155	0.067	0.1670	0	93.0	50	150				
Chrysene	0.126	0.003	0.1670	0	75.3	60.8	128				



Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCS-63853</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/20/2010</b>		RunNo: <b>141597</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>63853</b>		<b>SW3550B</b>		Analysis Date: <b>10/21/2010</b>		SeqNo: <b>2767925</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibenzo(a,h)anthracene	0.127	0.003	0.1670	0	76.0	54.9	150				
Fluoranthene	0.131	0.003	0.1670	0	78.5	58.7	125				
Fluorene	0.125	0.003	0.1670	0	74.6	57.8	125				
Indeno(1,2,3-cd)pyrene	0.128	0.003	0.1670	0	76.5	52	147				
Naphthalene	0.116	0.003	0.1670	0	69.3	54.8	113				
Phenanthrene	0.124	0.003	0.1670	0	74.3	60.4	121				
Pyrene	0.133	0.003	0.1670	0	79.5	57.9	129				
Surr: 2-Fluorobiphenyl	0.643		0.8330		77.2	35.3	113				
Surr: 2-Fluorophenol	1.42		1.670		84.7	13.6	123				
Surr: Nitrobenzene-d5	0.602		0.8330		72.3	33.9	108				
Surr: Phenol-d5	1.38		1.670		82.6	33.7	129				
Surr: p-Terphenyl-d14	0.754		0.8330		90.5	58.4	122				

Sample ID: <b>10100831-004AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/20/2010</b>		RunNo: <b>141597</b>			
Client ID: <b>P6-D4.5-F(26)MS</b>		Batch ID: <b>63853</b>		<b>SW3550B</b>		Analysis Date: <b>10/21/2010</b>		SeqNo: <b>2767930</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.134	0.004	0.1984	0	67.4	36	135				
Acenaphthylene	0.133	0.004	0.1984	0	66.8	17.2	167				
Anthracene	0.137	0.004	0.1984	0	69.0	39.3	124				
Benzo(a)anthracene	0.129	0.004	0.1984	0	65.1	10	183				
Benzo(a)pyrene	0.142	0.004	0.1984	0	71.8	10	204				
Benzo(b)fluoranthene	0.131	0.004	0.1984	0	66.1	10.6	178				
Benzo(g,h,i)perylene	0.120	0.004	0.1984	0	60.6	10	168				
Benzo(k)fluoranthene	0.129	0.004	0.1984	0	65.0	27.6	181				
Bis(2-ethylhexyl)phthalate	0.183	0.080	0.1984	0	92.1	50	150				
Chrysene	0.139	0.004	0.1984	0	70.2	10	176				
Dibenzo(a,h)anthracene	0.120	0.004	0.1984	0	60.3	12.2	156				
Fluoranthene	0.145	0.004	0.1984	0	73.0	10	227				
Fluorene	0.137	0.004	0.1984	0	69.1	35.2	148				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>10100831-004AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141597</b>
Client ID: <b>P6-D4.5-F(26)MS</b>	Batch ID: <b>63853</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767930</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	0.119	0.004	0.1984	0	59.9	10	164				
Naphthalene	0.152	0.004	0.1984	0	76.5	14.7	128				
Phenanthrene	0.142	0.004	0.1984	0	71.5	32.8	143				
Pyrene	0.151	0.004	0.1984	0	76.1	10	180				
Surr: 2-Fluorobiphenyl	0.662		0.9894		66.9	10	131				
Surr: Nitrobenzene-d5	0.619		0.9894		62.5	10	132				
Surr: p-Terphenyl-d14	0.818		0.9894		82.7	30.6	131				

Sample ID: <b>10100831-004AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141597</b>
Client ID: <b>P6-D4.5-F(26)MSD</b>	Batch ID: <b>63853</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767931</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.113	0.004	0.1998	0	56.7	36	135	0.1337	16.5	49.7	
Acenaphthylene	0.125	0.004	0.1998	0	62.6	17.2	167	0.1326	5.75	33.3	
Anthracene	0.126	0.004	0.1998	0	63.2	39.3	124	0.1369	8.06	51.1	
Benzo(a)anthracene	0.112	0.004	0.1998	0	56.0	10	183	0.1291	14.2	40.6	
Benzo(a)pyrene	0.128	0.004	0.1998	0	64.0	10	204	0.1425	10.9	56.4	
Benzo(b)fluoranthene	0.138	0.004	0.1998	0	69.0	10.6	178	0.1312	5.01	49.7	
Benzo(g,h,i)perylene	0.124	0.004	0.1998	0	62.3	10	168	0.1201	3.55	36.5	
Benzo(k)fluoranthene	0.132	0.004	0.1998	0	66.0	27.6	181	0.1289	2.28	42.6	
Bis(2-ethylhexyl)phthalate	0.152	0.080	0.1998	0	75.8	50	150	0.1827	18.6	60.3	
Chrysene	0.126	0.004	0.1998	0	63.1	10	176	0.1392	9.88	45.1	
Dibenzo(a,h)anthracene	0.133	0.004	0.1998	0	66.3	12.2	156	0.1196	10.2	39.9	
Fluoranthene	0.103	0.004	0.1998	0	51.6	10	227	0.1448	33.6	66.2	
Fluorene	0.121	0.004	0.1998	0	60.8	35.2	148	0.1370	12.1	65.6	
Indeno(1,2,3-cd)pyrene	0.132	0.004	0.1998	0	66.2	10	164	0.1187	10.7	36.5	
Naphthalene	0.140	0.004	0.1998	0	70.0	14.7	128	0.1518	8.21	39.6	
Phenanthrene	0.131	0.004	0.1998	0	65.4	32.8	143	0.1417	8.17	35.4	
Pyrene	0.106	0.004	0.1998	0	53.3	10	180	0.1510	34.7	60.1	
Surr: 2-Fluorobiphenyl	0.602		0.9966		60.4	10	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>10100831-004AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/20/2010</b>	RunNo: <b>141597</b>							
Client ID: <b>P6-D4.5-F(26)MSD</b>	Batch ID: <b>63853</b>	<b>SW3550B</b>	Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2767931</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Nitrobenzene-d5	0.653		0.9966		65.5	10	132		0	40	
Surr: p-Terphenyl-d14	0.600		0.9966		60.2	30.6	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW9012A (TCN) Solid

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>MB-R141599</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>			Prep Date:	RunNo: <b>141599</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>				Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768019</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-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>			Prep Date:	RunNo: <b>141599</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>				Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768020</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.03 0.01 0.02500 0 106.6 85 115

Sample ID: <b>MB-R141599</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>			Prep Date:	RunNo: <b>141599</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>				Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768021</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-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>			Prep Date:	RunNo: <b>141599</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>				Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768022</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.03 0.01 0.02500 0 103.5 85 115

Sample ID: <b>LCS-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>			Prep Date:	RunNo: <b>141599</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141599</b>				Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768023</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.03 0.01 0.02500 0 101.5 85 115

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW9012A (TCN) Solid

Lab Order: 10100831

Report Date: 22-Oct-10

Sample ID: <b>LCS-R141599</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R141599</b>					Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768024</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.03 0.01 0.02500 0 102.4 85 115

Sample ID: <b>10100831-004BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>P6-D4.5-F(26)MS</b>	Batch ID: <b>R141599</b>					Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768047</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.60 0.58 1.460 0 109.6 75 125

Sample ID: <b>10100831-004BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>141599</b>				
Client ID: <b>P6-D4.5-F(26)MSD</b>	Batch ID: <b>R141599</b>					Analysis Date: <b>10/21/2010</b>	SeqNo: <b>2768048</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.62 0.60 1.504 0 108.0 75 125 1.600 1.54 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 6240908012

**Lab Order:** 10100831

**Report Date:** 22-Oct-10

Carrier: Sean Spinner

Received By: DB

Completed by:

On:

20-Oct-10

Dawn Brantley



Reviewed by:

On:

20-Oct-10

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 12.6
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 - 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 09949**  
 10160 831

Project Name: <u>Amenen Campaign</u> Project Mgr: <u>P. Szazama</u>		Laboratory Temperature upon Receipt 12.6	
Project Number: <u>624-0908-0120</u> Cost Code: <u>J0002</u>		Lab ID #'s	
Sampler(s): <u>J. Crompton</u>		10100831-001	
Laboratory Name: <u>Teklab</u>		-002	
Location: <u>Collinsville</u>		003	
Sample Number and (depth)		004	
<u>P6-D3 - F (25)</u>	Date: <u>10/20/10</u> Time: <u>0744</u>	Comments (Field PID) Teklab, Inc. Courier Pick Up <b>1 DAY</b>	
<u>P6-D3 - F (26)</u>	Date: <u>10/20/10</u> Time: <u>0755</u>		
<u>P6-D4.5 - F (25)</u>	Date: <u>1</u> Time: <u>0925</u>		
<u>P6-D4.5 - F (26)</u>	Date: <u>1</u> Time: <u>0940</u>		
Analyses by Method Name and Number			
Total Number of Containers			
Matrix			
Soil			
Water			
Air			
Wipes			
Other *			
VOCs 8260		X	
VOCs 8270		X	
SVOCs 8270Sms		X	
KCM Metals		X	
Total + Amenable		X	
CYANIDE		X	
TPH 04-1		X	
TPH 04-2		X	

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

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

**Lab Directives:**

Requested TAT:  Rush  5 Days  STD  Other \_\_\_\_\_

Fax and/or Mail Results to: P. Szazama and P. Hoosick

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

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

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

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

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

**Shipping:**

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

**Relinquished by:**

Signature: [Signature] Date: 10/20/10 Time: 1125

Signature: [Signature] Date: 10/20/10 Time: 1520

**Received by:**

Signature: [Signature] Date: 10/20/10 Time: 1125

Signature: [Signature] Date: 10/20/10 Time: 1520

November 18, 2010

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



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

**WorkOrder:** 10100915

Dear Pete Sazama:

TEKLAB, INC received 7 samples on 10/22/2010 8:15:00 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:** A831-735002-012901-225Ameren Champaign 62409080120

**Lab Order:** 10100915

**Report Date:** 18-Nov-10

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10100915-001	P6-D5.5-W (20)	5	10/20/2010 1:25:00 PM
10100915-002	P6-DE5.5-W (3)	6	10/20/2010 1:34:00 PM
10100915-003	P6-DE5.5-W (8)	5	10/20/2010 1:48:00 PM
10100915-004	P6-DE5.5-W (20)	5	10/21/2010 9:15:00 AM
10100915-005	P6-E5.5-W (3)	5	10/21/2010 9:27:00 AM
10100915-006	P6-E5.5-W (8)	5	10/21/2010 9:40:00 AM
10100915-007	P6-E5.5-W (20)	5	10/21/2010 2:35:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10100915

**Report Date:** 18-Nov-10

**Cooler Receipt Temp:** 5.8 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0 | LA: NELAP #166493

### 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:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-D5.5-W (20)

**Lab ID:** 10100915-001

**Collection Date:** 10/20/2010 1:25:00 PM

**Report Date:** 18-Nov-10

**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		19.3	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		80.7	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.64	mg/Kg-dry	1	10/27/2010 1:58:53 PM	JMW
Barium	NELAP	0.50		65.0	mg/Kg-dry	1	10/27/2010 1:58:53 PM	JMW
Cadmium	NELAP	0.20		0.28	mg/Kg-dry	1	10/27/2010 1:58:53 PM	JMW
Chromium	NELAP	1.00		21.3	mg/Kg-dry	1	10/26/2010 6:07:52 PM	JMW
Lead	NELAP	4.00		27.7	mg/Kg-dry	1	10/27/2010 1:58:53 PM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	10/26/2010 6:07:52 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	10/26/2010 9:33:46 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.418	S	7.14	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Acenaphthylene	NELAP	0.418	S	1.06	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Anthracene	NELAP	0.418	S	4.09	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Benzo(a)anthracene	NELAP	0.418	S	3.52	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Benzo(a)pyrene	NELAP	0.418	S	3.51	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.418	S	2.96	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.418	S	1.87	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.418	S	0.921	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	8.23	S	ND	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Chrysene	NELAP	0.418	S	3.51	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.418	JS	0.41	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Fluoranthene	NELAP	0.418	S	5.14	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Fluorene	NELAP	0.418	S	4.00	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.418	S	1.39	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Naphthalene	NELAP	0.418	S	7.83	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Phenanthrene	NELAP	0.418	S	14.5	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Pyrene	NELAP	0.418	S	9.28	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		73.9	%REC	100	10/28/2010 7:17:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		61.9	%REC	100	10/28/2010 7:17:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		81.8	%REC	100	10/28/2010 7:17:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
1,2-Dichlorobenzene	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
1,3-Dichlorobenzene	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
1,4-Dichlorobenzene	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-001  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-D5.5-W (20)  
**Collection Date:** 10/20/2010 1:25:00 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	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2,4-Dichlorophenol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2,4-Dimethylphenol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2,4-Dinitrophenol	NELAP	12.3		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2,4-Dinitrotoluene	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2,6-Dinitrotoluene	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2-Chloronaphthalene	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2-Chlorophenol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2-Methoxy-4-methylphenol		8.02		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2-Methylnaphthalene	NELAP	4.32	J	4.0	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2-Nitroaniline	NELAP	12.3		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2-Nitrophenol	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
3-Nitroaniline	NELAP	12.3		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	12.3		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4-Chloroaniline	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4-Nitroaniline	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4-Nitrophenol	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Aniline	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Azobenzene		4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Benzidine	NELAP	13.0		See note	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Benzoic acid	NELAP	18.5		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Benzyl alcohol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Butyl benzyl phthalate	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Carbazole		6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Dibenzofuran	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Diethyl phthalate	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Dimethyl phthalate	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Di-n-butyl phthalate	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Di-n-octyl phthalate	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Hexachlorobenzene	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-001  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-D5.5-W (20)  
**Collection Date:** 10/20/2010 1:25:00 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	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Hexachloroethane	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Isophorone	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
m,p-Cresol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Nitrobenzene	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
N-Nitrosodimethylamine	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
o-Cresol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Pentachlorophenol	NELAP	24.7	S	ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Phenol	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Pyridine	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
1,2-Diphenylhydrazine		10.4		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		52.2	%REC	5	10/29/2010 2:10:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		58.1	%REC	5	10/29/2010 2:10:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		67.1	%REC	5	10/29/2010 2:10:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.4	%REC	5	10/29/2010 2:10:00 AM	DMH
Surr: Phenol-d5		34.9-110		71.1	%REC	5	10/29/2010 2:10:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		61.1	%REC	5	10/29/2010 2:10:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1-Dichloro-2-propanone		49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1-Dichloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1-Dichloroethene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1-Dichloropropene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2,3-Trichloropropane	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2,3-Trimethylbenzene		4900	J	1000	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2-Dibromoethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-001  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-D5.5-W (20)  
**Collection Date:** 10/20/2010 1:25:00 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	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2-Dichloropropane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,3-Dichloropropane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1-Chlorobutane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
2,2-Dichloropropane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
2-Butanone	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
2-Chlorotoluene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
2-Hexanone	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
2-Nitropropane	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
4-Chlorotoluene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
4-Methyl-2-pentanone	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Acetone	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Acrolein	NELAP	98000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Acrylonitrile	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Allyl chloride	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Benzene	NELAP	980		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Bromobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Bromochloromethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Bromodichloromethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Bromoform	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Bromomethane	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Carbon disulfide	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Carbon tetrachloride	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Chlorobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Chloroethane	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Chloroform	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Chloromethane	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3920		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Cyclohexanone		98000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Dibromochloromethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Dibromomethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Dichlorodifluoromethane	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Ethyl acetate	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Ethyl ether	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-D5.5-W (20)

**Lab ID:** 10100915-001

**Collection Date:** 10/20/2010 1:25:00 PM

**Report Date:** 18-Nov-10

**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	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Ethylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Heptane		19600		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Hexachlorobutadiene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Hexachloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Iodomethane	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Isopropylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
m,p-Xylenes	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Methacrylonitrile	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Methyl Methacrylate	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Methyl tert-butyl ether	NELAP	1960		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Methylacrylate		9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Methylene chloride	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Naphthalene	NELAP	9800		78600	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
n-Butylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
n-Hexane		19600		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Nitrobenzene	NELAP	98000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
n-Propylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
o-Xylene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Pentachloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
p-Isopropyltoluene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Propionitrile	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
sec-Butylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Styrene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
tert-Butylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Tetrachloroethene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Tetrahydrofuran	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Toluene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3920		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Trichloroethene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Trichlorofluoromethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Vinyl acetate	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Vinyl chloride	NELAP	1960		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		103.3	%REC	500	10/22/2010 4:04:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		96.1	%REC	500	10/22/2010 4:04:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		103.2	%REC	500	10/22/2010 4:04:00 PM	RWE
Surr: Toluene-d8		86-116		100.2	%REC	500	10/22/2010 4:04:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-001  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-D5.5-W (20)  
**Collection Date:** 10/20/2010 1:25:00 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>0.027</b>	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.619	J	<b>0.37</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.61	J	<b>0.37</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

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

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

Matrix interference present in sample.

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 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.



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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-002  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (3)  
**Collection Date:** 10/20/2010 1:34:00 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		20.5	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		79.5	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		9.34	mg/Kg-dry	1	10/27/2010 2:04:30 PM	JMW
Barium	NELAP	0.49		116	mg/Kg-dry	1	10/27/2010 2:04:30 PM	JMW
Cadmium	NELAP	0.20		0.54	mg/Kg-dry	1	10/27/2010 2:04:30 PM	JMW
Chromium	NELAP	0.98		24.6	mg/Kg-dry	1	10/26/2010 6:13:27 PM	JMW
Lead	NELAP	3.92		18.7	mg/Kg-dry	1	10/27/2010 2:04:30 PM	JMW
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	10/26/2010 6:13:27 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	10/26/2010 9:43:52 AM	MEK
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>								
4,4'-DDD	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
4,4'-DDE	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
4,4'-DDT	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Alachlor	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Aldrin	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
alpha-BHC	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
alpha-Chlordane	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
beta-BHC	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Chlordane	NELAP	8.37		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
delta-BHC	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Dieldrin	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Endosulfan I	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Endosulfan II	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Endosulfan sulfate	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Endrin	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Endrin aldehyde	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Endrin ketone	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
gamma-BHC	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
gamma-Chlordane	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Heptachlor	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Heptachlor epoxide	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Methoxychlor	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Toxaphene	NELAP	75.1		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Surr: Decachlorobiphenyl		48-149		121.6	%REC	1	10/27/2010 6:05:00 PM	MAV
Surr: Tetrachloro-m-xylene		19-145		78.6	%REC	1	10/27/2010 6:05:00 PM	MAV

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-002  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (3)  
**Collection Date:** 10/20/2010 1:34:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								
Aroclor 1016	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Aroclor 1221	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Aroclor 1232	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Aroclor 1242	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Aroclor 1248	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Aroclor 1254	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Aroclor 1260	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Surr: Decachlorobiphenyl		5-156		131.2	%REC	1	10/25/2010 2:15:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		100.9	%REC	1	10/25/2010 2:15:00 PM	HE
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.109	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.036	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.021	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.030	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.035	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.024	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.010	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.084		ND	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Chrysene	NELAP	0.004		0.023	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Fluoranthene	NELAP	0.004		0.026	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Fluorene	NELAP	0.004		0.013	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.018	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Naphthalene	NELAP	0.004		0.010	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Phenanthrene	NELAP	0.004		0.010	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Pyrene	NELAP	0.004		0.049	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		45.7	%REC	1	10/28/2010 9:09:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		52.2	%REC	1	10/28/2010 9:09:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		65.8	%REC	1	10/28/2010 9:09:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-002  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (3)  
**Collection Date:** 10/20/2010 1:34:00 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-Dimethylphenol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.25		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2-Chloronaphthalene	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2-Chlorophenol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2-Methoxy-4-methylphenol		0.811		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2-Methylnaphthalene	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2-Nitroaniline	NELAP	1.25		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2-Nitrophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
3-Nitroaniline	NELAP	1.25		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.25		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4-Chloroaniline	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4-Nitroaniline	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4-Nitrophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Aniline	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Azobenzene		0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Benzidine	NELAP	1.32		see note	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Benzoic acid	NELAP	1.87		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Benzyl alcohol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Carbazole		0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Dibenzofuran	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Diethyl phthalate	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Dimethyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Hexachlorobenzene	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Hexachlorobutadiene	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Hexachloroethane	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-002  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (3)  
**Collection Date:** 10/20/2010 1:34:00 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>								
Isophorone	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
m,p-Cresol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Nitrobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
o-Cresol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Pentachlorophenol	NELAP	2.50		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Phenol	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Pyridine	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
1,2-Diphenylhydrazine		1.05		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		56.9	%REC	1	10/28/2010 10:58:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		59.7	%REC	1	10/28/2010 10:58:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		68.5	%REC	1	10/28/2010 10:58:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		69.0	%REC	1	10/28/2010 10:58:00 PM	DMH
Surr: Phenol-d5		34.9-110		71.2	%REC	1	10/28/2010 10:58:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		71.3	%REC	1	10/28/2010 10:58:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1-Dichloro-2-propanone		43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2,3-Trichloropropane	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2,3-Trimethylbenzene		4.4	J	0.9	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2-Dibromoethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-002  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (3)  
**Collection Date:** 10/20/2010 1:34:00 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>								
1,3-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,3-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1-Chlorobutane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
2,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
2-Butanone	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
2-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
2-Hexanone	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
2-Nitropropane	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
4-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
4-Methyl-2-pentanone	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Acetone	NELAP	43.7		44.9	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Acrolein	NELAP	87.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Acrylonitrile	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Allyl chloride	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Benzene	NELAP	0.9		2.3	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Bromobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Bromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Bromodichloromethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Bromoform	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Bromomethane	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Carbon disulfide	NELAP	4.4		6.2	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Carbon tetrachloride	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Chlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Chloroethane	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Chloroform	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Chloromethane	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Cyclohexanone		87.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Dibromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Dibromomethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Dichlorodifluoromethane	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Ethyl acetate	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Ethyl ether	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Ethyl methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Ethylbenzene	NELAP	4.4	J	1.6	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Heptane		17.5		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-002  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (3)  
**Collection Date:** 10/20/2010 1:34:00 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>								
Hexachlorobutadiene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Hexachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Iodomethane	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Isopropylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
m,p-Xylenes	NELAP	4.4	J	3.6	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Methacrylonitrile	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Methyl Methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Methyl tert-butyl ether	NELAP	1.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Methylacrylate		8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Methylene chloride	NELAP	4.4	J	1.6	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Naphthalene	NELAP	8.7		20.9	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
n-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
n-Hexane		17.5		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Nitrobenzene	NELAP	87.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
n-Propylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
o-Xylene	NELAP	4.4	J	1.7	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Pentachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
p-Isopropyltoluene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Propionitrile	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
sec-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Styrene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
tert-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Tetrachloroethene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Tetrahydrofuran	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Toluene	NELAP	4.4	J	3.0	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Trichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Trichlorofluoromethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Vinyl acetate	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Vinyl chloride	NELAP	1.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		105.7	%REC	1	10/25/2010 3:09:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		96.2	%REC	1	10/25/2010 3:09:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		103.6	%REC	1	10/25/2010 3:09:00 PM	RWE
Surr: Toluene-d8		86-116		101.6	%REC	1	10/25/2010 3:09:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		0.026	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-002  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (3)  
**Collection Date:** 10/20/2010 1:34:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								
2,4,5-T	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
2,4,5-TP (Silvex)	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
2,4-D	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
2,4-DB	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
3,5-Dichlorobenzoic Acid	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
Acifluorfen	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
Bentazon	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
Chloramben	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
Dalapon	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
DCPA	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
Dicamba	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
Dichlorprop	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
Dinoseb	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
Pentachlorophenol	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
Picloram	NELAP	0.05		ND	mg/Kg-dry	1	10/31/2010	SUB
Surr: DCAA		50-136		62.5	%REC	1	10/31/2010	SUB
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.629		0.776	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.63		0.78	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

SW-846 8151A, Chlorinated Herbicides by GC/ECD

The blank spike recovery was outside acceptance limits. Batch accepted based on acceptable MS/MSD/RPD results.

Analysis performed by Keystone Laboratories, Inc.

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

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

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

LCS/LCSD RPD was outside of QC limit.

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-003  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (8)  
**Collection Date:** 10/20/2010 1:48:00 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		15.0	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		85.0	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		5.38	mg/Kg-dry	1	10/27/2010 2:10:21 PM	JMW
Barium	NELAP	0.49		22.1	mg/Kg-dry	1	10/27/2010 2:10:21 PM	JMW
Cadmium	NELAP	0.20	J	0.13	mg/Kg-dry	1	10/27/2010 2:10:21 PM	JMW
Chromium	NELAP	0.98		20.5	mg/Kg-dry	1	10/26/2010 6:19:18 PM	JMW
Lead	NELAP	3.92		12.0	mg/Kg-dry	1	10/27/2010 2:10:21 PM	JMW
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	10/26/2010 6:19:18 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	< 0.577	mg/Kg-dry	1	10/26/2010 9:47:14 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.420	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Acenaphthylene	NELAP	0.004		1.03	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Anthracene	NELAP	0.004		0.190	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.035	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.036	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.031	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.022	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.010	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.079		ND	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Chrysene	NELAP	0.004		0.035	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		0.004	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Fluoranthene	NELAP	0.004		0.077	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Fluorene	NELAP	0.004		0.885	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.014	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Naphthalene	NELAP	0.004		1.00	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Phenanthrene	NELAP	0.004		1.31	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Pyrene	NELAP	0.004		0.128	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		49.4	%REC	1	10/28/2010 9:47:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		47.1	%REC	1	10/28/2010 9:47:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		56.0	%REC	1	10/28/2010 9:47:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH



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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-003  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (8)  
**Collection Date:** 10/20/2010 1:48:00 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	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.17		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2-Chloronaphthalene	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2-Chlorophenol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2-Methoxy-4-methylphenol		0.759		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2-Methylnaphthalene	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2-Nitroaniline	NELAP	1.17		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2-Nitrophenol	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
3-Nitroaniline	NELAP	1.17		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.17		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4-Chloroaniline	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4-Nitroaniline	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4-Nitrophenol	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Aniline	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Azobenzene		0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Benzidine	NELAP	1.23		See note	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Benzoic acid	NELAP	1.75		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Benzyl alcohol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Carbazole		0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Dibenzofuran	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Diethyl phthalate	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Dimethyl phthalate	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Hexachlorobenzene	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-003  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (8)  
**Collection Date:** 10/20/2010 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	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Hexachloroethane	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Isophorone	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
m,p-Cresol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Nitrobenzene	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
o-Cresol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Pentachlorophenol	NELAP	2.33		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Phenol	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Pyridine	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
1,2-Diphenylhydrazine		0.981		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		63.4	%REC	1	10/28/2010 11:30:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		62.7	%REC	1	10/28/2010 11:30:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		68.4	%REC	1	10/28/2010 11:30:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.8	%REC	1	10/28/2010 11:30:00 PM	DMH
Surr: Phenol-d5		34.9-110		72.2	%REC	1	10/28/2010 11:30:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		63.9	%REC	1	10/28/2010 11:30:00 PM	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	10/27/2010 12:52:00 PM	RWE
1,1,1-Trichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1,2-Trichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1-Dichloro-2-propanone		1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1-Dichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1-Dichloropropene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2,3-Trichloropropane	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2,3-Trimethylbenzene		120	J	78	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2-Dibromoethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-003  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (8)  
**Collection Date:** 10/20/2010 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>								
1,2-Dichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,3-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,3-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,4-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1-Chlorobutane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
2,2-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
2-Butanone	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
2-Chlorotoluene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
2-Hexanone	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
2-Nitropropane	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
4-Chlorotoluene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Acetone	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Acrolein	NELAP	2400		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Acrylonitrile	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Allyl chloride	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Benzene	NELAP	24.0		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Bromobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Bromochloromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Bromodichloromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Bromoform	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Bromomethane	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Carbon disulfide	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Carbon tetrachloride	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Chlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Chloroethane	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Chloroform	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Chloromethane	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	96.2		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Cyclohexanone		2400		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Dibromochloromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Dibromomethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Dichlorodifluoromethane	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Ethyl acetate	NELAP	1200	J	350	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Ethyl ether	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-003  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (8)  
**Collection Date:** 10/20/2010 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>								
Ethyl methacrylate	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Ethylbenzene	NELAP	120	J	59	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Heptane		481		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Hexachlorobutadiene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Hexachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Iodomethane	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Isopropylbenzene	NELAP	120	J	36	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
m,p-Xylenes	NELAP	120	J	54	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Methacrylonitrile	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Methyl Methacrylate	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Methyl tert-butyl ether	NELAP	48.1		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Methylacrylate		240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Methylene chloride	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Naphthalene	NELAP	240		877	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
n-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
n-Hexane		481		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Nitrobenzene	NELAP	2400		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
n-Propylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
o-Xylene	NELAP	120	J	74	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Pentachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
p-Isopropyltoluene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Propionitrile	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
sec-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Styrene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
tert-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Tetrachloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Tetrahydrofuran	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Toluene	NELAP	120	J	27	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	96.2		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Trichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Trichlorofluoromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Vinyl acetate	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Vinyl chloride	NELAP	48.1		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		92.7	%REC	12.5	10/27/2010 12:52:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		93.7	%REC	12.5	10/27/2010 12:52:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		90.9	%REC	12.5	10/27/2010 12:52:00 PM	RWE
Surr: Toluene-d8		86-116		101.5	%REC	12.5	10/27/2010 12:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-003  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (8)  
**Collection Date:** 10/20/2010 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	0.012	J	<b>0.006</b>	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.589		<b>&lt; 0.589</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.58		<b>&lt; 0.58</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

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

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

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

LCS/LCSD RPD was outside of QC limit for 1,1-Dichloro-2-propanone.

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:** 10100915  
**Lab ID:** 10100915-004  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (20)  
**Collection Date:** 10/21/2010 9:15:00 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		11.5	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.5	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		6.42	mg/Kg-dry	1	10/27/2010 2:26:59 PM	JMW
Barium	NELAP	0.47		18.6	mg/Kg-dry	1	10/27/2010 2:26:59 PM	JMW
Cadmium	NELAP	0.19		0.20	mg/Kg-dry	1	10/27/2010 2:26:59 PM	JMW
Chromium	NELAP	0.94		18.0	mg/Kg-dry	1	10/26/2010 6:46:31 PM	JMW
Lead	NELAP	3.77		11.6	mg/Kg-dry	1	10/27/2010 2:26:59 PM	JMW
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	10/26/2010 6:46:31 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	10/26/2010 9:50:36 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.015	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.009	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Anthracene	NELAP	0.004		0.006	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.008	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.008	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.008	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.008	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Chrysene	NELAP	0.004		0.007	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Fluoranthene	NELAP	0.004		0.012	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Fluorene	NELAP	0.004		0.007	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Naphthalene	NELAP	0.004		0.151	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Phenanthrene	NELAP	0.004		0.022	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Pyrene	NELAP	0.004		0.017	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		48.5	%REC	1	10/28/2010 10:25:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		46.2	%REC	1	10/28/2010 10:25:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		57.4	%REC	1	10/28/2010 10:25:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-004  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (20)  
**Collection Date:** 10/21/2010 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	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2-Chloronaphthalene	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2-Chlorophenol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2-Methoxy-4-methylphenol		0.724		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2-Methylnaphthalene	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2-Nitrophenol	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4-Chloroaniline	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4-Nitroaniline	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4-Nitrophenol	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Aniline	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Azobenzene		0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Benzidine	NELAP	1.18		See note	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Benzoic acid	NELAP	1.67		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Benzyl alcohol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Carbazole		0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Dibenzofuran	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Diethyl phthalate	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Dimethyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Hexachlorobenzene	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-DE5.5-W (20)

**Lab ID:** 10100915-004

**Collection Date:** 10/21/2010 9:15:00 AM

**Report Date:** 18-Nov-10

**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	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Hexachloroethane	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Isophorone	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
m,p-Cresol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Nitrobenzene	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
o-Cresol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Pentachlorophenol	NELAP	2.23		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Phenol	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Pyridine	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
1,2-Diphenylhydrazine		0.936		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		50.1	%REC	1	10/29/2010 12:02:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		59.5	%REC	1	10/29/2010 12:02:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		64.8	%REC	1	10/29/2010 12:02:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.8	%REC	1	10/29/2010 12:02:00 AM	DMH
Surr: Phenol-d5		34.9-110		68.9	%REC	1	10/29/2010 12:02:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		64.9	%REC	1	10/29/2010 12:02:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1,1-Trichloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1,2-Trichloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1-Dichloro-2-propanone		1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1-Dichloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1-Dichloroethene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1-Dichloropropene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2,3-Trichloropropane	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2,3-Trimethylbenzene		122	J	32	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2-Dibromoethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2-Dichlorobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-DE5.5-W (20)

**Lab ID:** 10100915-004

**Collection Date:** 10/21/2010 9:15:00 AM

**Report Date:** 18-Nov-10

**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	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2-Dichloropropane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,3-Dichlorobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,3-Dichloropropane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,4-Dichlorobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1-Chlorobutane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
2,2-Dichloropropane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
2-Butanone	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
2-Chlorotoluene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
2-Hexanone	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
2-Nitropropane	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
4-Chlorotoluene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Acetone	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Acrolein	NELAP	2450		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Acrylonitrile	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Allyl chloride	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Benzene	NELAP	24.5		70.5	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Bromobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Bromochloromethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Bromodichloromethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Bromoform	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Bromomethane	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Carbon disulfide	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Carbon tetrachloride	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Chlorobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Chloroethane	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Chloroform	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Chloromethane	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	97.9		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Cyclohexanone		2450		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Dibromochloromethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Dibromomethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Dichlorodifluoromethane	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Ethyl acetate	NELAP	1220	J	400	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Ethyl ether	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-004  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (20)  
**Collection Date:** 10/21/2010 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	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Ethylbenzene	NELAP	122	J	61	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Heptane		490		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Hexachlorobutadiene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Hexachloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Iodomethane	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Isopropylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
m,p-Xylenes	NELAP	122		129	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Methacrylonitrile	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Methyl Methacrylate	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Methyl tert-butyl ether	NELAP	49.0		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Methylacrylate		245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Methylene chloride	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Naphthalene	NELAP	245		1800	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
n-Butylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
n-Hexane		490		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Nitrobenzene	NELAP	2450		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
n-Propylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
o-Xylene	NELAP	122	J	56	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Pentachloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
p-Isopropyltoluene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Propionitrile	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
sec-Butylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Styrene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
tert-Butylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Tetrachloroethene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Tetrahydrofuran	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Toluene	NELAP	122	J	82	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	97.9		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Trichloroethene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Trichlorofluoromethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Vinyl acetate	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Vinyl chloride	NELAP	49.0		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		93.8	%REC	12.5	10/27/2010 1:22:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		92.3	%REC	12.5	10/27/2010 1:22:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		90.9	%REC	12.5	10/27/2010 1:22:00 PM	RWE
Surr: Toluene-d8		86-116		104.0	%REC	12.5	10/27/2010 1:22:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-004  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (20)  
**Collection Date:** 10/21/2010 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	J	<b>0.007</b>	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.565		<b>&lt; 0.565</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		<b>&lt; 0.56</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

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

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

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

LCS/LCSD RPD was outside of QC limit for 1,1-Dichloro-2-propanone.

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:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-E5.5-W (3)

**Lab ID:** 10100915-005

**Collection Date:** 10/21/2010 9:27:00 AM

**Report Date:** 18-Nov-10

**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		23.0	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		77.0	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.31		4.39	mg/Kg-dry	1	10/27/2010 2:32:34 PM	JMW
Barium	NELAP	0.46		139	mg/Kg-dry	1	10/27/2010 2:32:34 PM	JMW
Cadmium	NELAP	0.19		0.28	mg/Kg-dry	1	10/27/2010 2:32:34 PM	JMW
Chromium	NELAP	0.93		26.7	mg/Kg-dry	1	10/26/2010 6:52:06 PM	JMW
Lead	NELAP	3.70		17.0	mg/Kg-dry	1	10/27/2010 2:32:34 PM	JMW
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	10/26/2010 6:52:06 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.545		< 0.545	mg/Kg-dry	1	10/26/2010 9:53:58 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.091	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.027	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.013	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.015	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.019	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.012	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.006	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.087		ND	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Chrysene	NELAP	0.004		0.011	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Fluoranthene	NELAP	0.004		0.016	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Fluorene	NELAP	0.004		0.006	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.010	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Naphthalene	NELAP	0.004		0.004	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Phenanthrene	NELAP	0.004		0.006	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Pyrene	NELAP	0.004		0.053	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		50.1	%REC	1	10/28/2010 11:03:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		53.6	%REC	1	10/28/2010 11:03:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		65.1	%REC	1	10/28/2010 11:03:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-E5.5-W (3)

**Lab ID:** 10100915-005

**Collection Date:** 10/21/2010 9:27:00 AM

**Report Date:** 18-Nov-10

**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	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.29		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2-Chloronaphthalene	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2-Chlorophenol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2-Methoxy-4-methylphenol		0.842		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2-Methylnaphthalene	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2-Nitroaniline	NELAP	1.29		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2-Nitrophenol	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
3-Nitroaniline	NELAP	1.29		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.29		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4-Chloroaniline	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4-Nitroaniline	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4-Nitrophenol	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Aniline	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Azobenzene		0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Benzidine	NELAP	1.37		See note	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Benzoic acid	NELAP	1.94		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Benzyl alcohol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Carbazole		0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Dibenzofuran	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Diethyl phthalate	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Dimethyl phthalate	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Hexachlorobenzene	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-005  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (3)  
**Collection Date:** 10/21/2010 9:27:00 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	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Hexachloroethane	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Isophorone	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
m,p-Cresol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Nitrobenzene	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
o-Cresol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Pentachlorophenol	NELAP	2.59		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Phenol	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Pyridine	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
1,2-Diphenylhydrazine		1.09		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		64.5	%REC	1	10/29/2010 12:34:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		62.0	%REC	1	10/29/2010 12:34:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		70.9	%REC	1	10/29/2010 12:34:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		75.1	%REC	1	10/29/2010 12:34:00 AM	DMH
Surr: Phenol-d5		34.9-110		72.7	%REC	1	10/29/2010 12:34:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		74.6	%REC	1	10/29/2010 12:34:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1-Dichloro-2-propanone		50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1-Dichloropropene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2,3-Trimethylbenzene		5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2-Dibromoethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-005  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (3)  
**Collection Date:** 10/21/2010 9:27:00 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	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,3-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1-Chlorobutane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
2,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
2-Butanone	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
2-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
2-Hexanone	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
2-Nitropropane	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
4-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
4-Methyl-2-pentanone	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Acetone	NELAP	50.0	J	40	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Acrolein	NELAP	100		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Acrylonitrile	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Allyl chloride	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Benzene	NELAP	1.0		1.8	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Bromobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Bromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Bromodichloromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Bromoform	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Bromomethane	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Carbon disulfide	NELAP	5.0		7.9	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Carbon tetrachloride	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Chlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Chloroethane	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Chloroform	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Chloromethane	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Cyclohexanone		100		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Dibromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Dibromomethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Dichlorodifluoromethane	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Ethyl acetate	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Ethyl ether	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-005  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (3)  
**Collection Date:** 10/21/2010 9:27:00 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	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Ethylbenzene	NELAP	5.0	J	1.2	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Heptane		20.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Hexachlorobutadiene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Hexachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Iodomethane	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Isopropylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
m,p-Xylenes	NELAP	5.0	J	2.9	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Methacrylonitrile	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Methyl Methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Methylacrylate		10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Methylene chloride	NELAP	5.0	J	2.0	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Naphthalene	NELAP	10	J	6.9	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
n-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
n-Hexane		20.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Nitrobenzene	NELAP	100		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
n-Propylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
o-Xylene	NELAP	5.0	J	1.3	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Pentachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
p-Isopropyltoluene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Propionitrile	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
sec-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Styrene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
tert-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Tetrachloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Tetrahydrofuran	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Toluene	NELAP	5.0	J	2.9	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Trichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Trichlorofluoromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Vinyl acetate	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Vinyl chloride	NELAP	2.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		105.8	%REC	1	10/25/2010 4:37:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.5	%REC	1	10/25/2010 4:37:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		105.3	%REC	1	10/25/2010 4:37:00 PM	RWE
Surr: Toluene-d8		86-116		101.2	%REC	1	10/25/2010 4:37:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-E5.5-W (3)

**Lab ID:** 10100915-005

**Collection Date:** 10/21/2010 9:27:00 AM

**Report Date:** 18-Nov-10

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013		<b>0.037</b>	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.649	J	<b>0.53</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.65		<b>0.98</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

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

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

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

LCS/LCSD RPD was outside of QC limit.

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-006  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (8)  
**Collection Date:** 10/21/2010 9:40:00 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		21.1	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		78.9	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		8.03	mg/Kg-dry	1	10/27/2010 2:38:24 PM	JMW
Barium	NELAP	0.48		64.2	mg/Kg-dry	1	10/27/2010 2:38:24 PM	JMW
Cadmium	NELAP	0.19		0.26	mg/Kg-dry	1	10/27/2010 2:38:24 PM	JMW
Chromium	NELAP	0.96		25.4	mg/Kg-dry	1	10/26/2010 7:19:21 PM	JMW
Lead	NELAP	3.85		16.5	mg/Kg-dry	1	10/27/2010 2:38:24 PM	JMW
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	10/26/2010 7:19:21 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.545		< 0.545	mg/Kg-dry	1	10/26/2010 9:57:18 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.442	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.296	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Anthracene	NELAP	0.004		0.020	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.008	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.084		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Chrysene	NELAP	0.004		0.005	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Fluoranthene	NELAP	0.004		0.041	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Fluorene	NELAP	0.004		0.141	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Naphthalene	NELAP	0.004		0.007	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Phenanthrene	NELAP	0.004		0.009	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Pyrene	NELAP	0.004		0.118	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		58.0	%REC	1	10/28/2010 11:41:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		54.6	%REC	1	10/28/2010 11:41:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		70.0	%REC	1	10/28/2010 11:41:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-E5.5-W (8)

**Lab ID:** 10100915-006

**Collection Date:** 10/21/2010 9:40:00 AM

**Report Date:** 18-Nov-10

**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	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.25		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2-Chloronaphthalene	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2-Chlorophenol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2-Methoxy-4-methylphenol		0.811		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2-Methylnaphthalene	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2-Nitroaniline	NELAP	1.25		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2-Nitrophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
3-Nitroaniline	NELAP	1.25		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.25		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4-Chloroaniline	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4-Nitroaniline	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4-Nitrophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Aniline	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Azobenzene		0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Benzidine	NELAP	1.32		See note	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Benzoic acid	NELAP	1.87		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Benzyl alcohol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Carbazole		0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Dibenzofuran	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Diethyl phthalate	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Dimethyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Hexachlorobenzene	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-E5.5-W (8)

**Lab ID:** 10100915-006

**Collection Date:** 10/21/2010 9:40:00 AM

**Report Date:** 18-Nov-10

**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	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Hexachloroethane	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Isophorone	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
m,p-Cresol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Nitrobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
o-Cresol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Pentachlorophenol	NELAP	2.50		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Phenol	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Pyridine	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
1,2-Diphenylhydrazine		1.05		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		59.9	%REC	1	10/29/2010 1:06:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		60.4	%REC	1	10/29/2010 1:06:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		66.8	%REC	1	10/29/2010 1:06:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.0	%REC	1	10/29/2010 1:06:00 AM	DMH
Surr: Phenol-d5		34.9-110		71.2	%REC	1	10/29/2010 1:06:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		72.5	%REC	1	10/29/2010 1:06:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1,1-Trichloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1,2-Trichloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1-Dichloro-2-propanone		64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1-Dichloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1-Dichloroethene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1-Dichloropropene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2,3-Trichloropropane	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2,3-Trimethylbenzene		6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2-Dibromoethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2-Dichlorobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-006  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (8)  
**Collection Date:** 10/21/2010 9:40:00 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>								
1,2-Dichloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2-Dichloropropane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,3-Dichlorobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,3-Dichloropropane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,4-Dichlorobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1-Chlorobutane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
2,2-Dichloropropane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
2-Butanone	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
2-Chlorotoluene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
2-Hexanone	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
2-Nitropropane	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
4-Chlorotoluene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
4-Methyl-2-pentanone	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Acetone	NELAP	64.4		111	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Acrolein	NELAP	129		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Acrylonitrile	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Allyl chloride	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Benzene	NELAP	1.3		4.6	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Bromobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Bromochloromethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Bromodichloromethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Bromoform	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Bromomethane	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Carbon disulfide	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Carbon tetrachloride	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Chlorobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Chloroethane	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Chloroform	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Chloromethane	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	5.2		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Cyclohexanone		129		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Dibromochloromethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Dibromomethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Dichlorodifluoromethane	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Ethyl acetate	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Ethyl ether	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-006  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (8)  
**Collection Date:** 10/21/2010 9:40:00 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	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Ethylbenzene	NELAP	6.4	J	2.7	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Heptane		25.8		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Hexachlorobutadiene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Hexachloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Iodomethane	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Isopropylbenzene	NELAP	6.4	J	2.5	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
m,p-Xylenes	NELAP	6.4	J	4.6	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Methacrylonitrile	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Methyl Methacrylate	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.6		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Methylacrylate		12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Methylene chloride	NELAP	6.4	J	3.0	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Naphthalene	NELAP	12.9	J	6.1	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
n-Butylbenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
n-Hexane		25.8	J	3.5	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Nitrobenzene	NELAP	129		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
n-Propylbenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
o-Xylene	NELAP	6.4	J	2.3	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Pentachloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
p-Isopropyltoluene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Propionitrile	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
sec-Butylbenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Styrene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
tert-Butylbenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Tetrachloroethene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Tetrahydrofuran	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Toluene	NELAP	6.4	J	6.3	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	5.2		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Trichloroethene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Trichlorofluoromethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Vinyl acetate	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Vinyl chloride	NELAP	2.6		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		107.2	%REC	1	10/25/2010 5:06:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		87.9	%REC	1	10/25/2010 5:06:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		106.1	%REC	1	10/25/2010 5:06:00 PM	RWE
Surr: Toluene-d8		86-116		107.7	%REC	1	10/25/2010 5:06:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-006  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (8)  
**Collection Date:** 10/21/2010 9:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		<b>0.017</b>	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.633		<b>&lt; 0.633</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.63	S	<b>&lt; 0.63</b>	mg/Kg-dry	1	11/2/2010 10:10:10 AM	MVS

### Sample Narrative

SW-846 9012A (Total)

Matrix interference present in sample.

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

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

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

LCS/LCSD RPD was outside of QC limit.

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-007  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (20)  
**Collection Date:** 10/21/2010 2:35:00 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		10.4	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.6	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		4.60	mg/Kg-dry	1	10/27/2010 3:07:00 PM	JMW
Barium	NELAP	0.48		14.1	mg/Kg-dry	1	10/27/2010 3:07:00 PM	JMW
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	10/27/2010 3:07:00 PM	JMW
Chromium	NELAP	0.96		17.2	mg/Kg-dry	1	10/26/2010 7:53:16 PM	JMW
Lead	NELAP	3.85		9.55	mg/Kg-dry	1	10/27/2010 3:07:00 PM	JMW
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	10/26/2010 7:53:16 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	10/26/2010 10:07:34 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004	J	0.003	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Acenaphthylene	NELAP	0.004		0.005	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004	J	0.003	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.004	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.073		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Chrysene	NELAP	0.004		0.004	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Fluoranthene	NELAP	0.004	J	0.003	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Fluorene	NELAP	0.004	J	0.003	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Naphthalene	NELAP	0.004		0.162	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Phenanthrene	NELAP	0.004		0.015	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		53.9	%REC	1	10/28/2010 12:19:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		50.6	%REC	1	10/28/2010 12:19:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		63.0	%REC	1	10/28/2010 12:19:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-007  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (20)  
**Collection Date:** 10/21/2010 2:35:00 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	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2-Chloronaphthalene	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2-Chlorophenol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2-Methoxy-4-methylphenol		0.722		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2-Methylnaphthalene	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2-Nitrophenol	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4-Chloroaniline	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4-Nitroaniline	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4-Nitrophenol	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Aniline	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Azobenzene		0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Benzidine	NELAP	1.17		See note	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Benzoic acid	NELAP	1.67		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Benzyl alcohol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Carbazole		0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Dibenzofuran	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Diethyl phthalate	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Dimethyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Hexachlorobenzene	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-007  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (20)  
**Collection Date:** 10/21/2010 2:35:00 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	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Hexachloroethane	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Isophorone	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
m,p-Cresol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Nitrobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
o-Cresol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Pentachlorophenol	NELAP	2.22		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Phenol	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Pyridine	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
1,2-Diphenylhydrazine		0.932		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		48.7	%REC	1	10/29/2010 1:38:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		61.7	%REC	1	10/29/2010 1:38:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		65.3	%REC	1	10/29/2010 1:38:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		72.2	%REC	1	10/29/2010 1:38:00 AM	DMH
Surr: Phenol-d5		34.9-110		69.6	%REC	1	10/29/2010 1:38:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		67.2	%REC	1	10/29/2010 1:38:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1,1-Trichloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1,2-Trichloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1-Dichloro-2-propanone		1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1-Dichloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1-Dichloroethene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1-Dichloropropene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2,3-Trichloropropane	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2,3-Trimethylbenzene		117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2-Dibromoethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2-Dichlorobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-007  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (20)  
**Collection Date:** 10/21/2010 2:35:00 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	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2-Dichloropropane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,3-Dichlorobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,3-Dichloropropane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,4-Dichlorobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1-Chlorobutane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
2,2-Dichloropropane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
2-Butanone	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
2-Chlorotoluene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
2-Hexanone	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
2-Nitropropane	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
4-Chlorotoluene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Acetone	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Acrolein	NELAP	2340		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Acrylonitrile	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Allyl chloride	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Benzene	NELAP	23.4		1720	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Bromobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Bromochloromethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Bromodichloromethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Bromoform	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Bromomethane	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Carbon disulfide	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Carbon tetrachloride	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Chlorobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Chloroethane	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Chloroform	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Chloromethane	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	93.7		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Cyclohexanone		2340		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Dibromochloromethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Dibromomethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Dichlorodifluoromethane	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Ethyl acetate	NELAP	1170	J	340	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Ethyl ether	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-007  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (20)  
**Collection Date:** 10/21/2010 2:35:00 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	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Ethylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Heptane		468		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Hexachlorobutadiene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Hexachloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Iodomethane	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Isopropylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
m,p-Xylenes	NELAP	117	J	34	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Methacrylonitrile	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Methyl Methacrylate	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Methyl tert-butyl ether	NELAP	46.8		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Methylacrylate		234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Methylene chloride	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Naphthalene	NELAP	234		1290	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
n-Butylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
n-Hexane		468		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Nitrobenzene	NELAP	2340		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
n-Propylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
o-Xylene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Pentachloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
p-Isopropyltoluene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Propionitrile	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
sec-Butylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Styrene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
tert-Butylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Tetrachloroethene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Tetrahydrofuran	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Toluene	NELAP	117		313	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	93.7		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Trichloroethene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Trichlorofluoromethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Vinyl acetate	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Vinyl chloride	NELAP	46.8		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		89.5	%REC	12.5	10/27/2010 1:52:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		92.2	%REC	12.5	10/27/2010 1:52:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		89.3	%REC	12.5	10/27/2010 1:52:00 PM	RWE
Surr: Toluene-d8		86-116		99.2	%REC	12.5	10/27/2010 1:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-007  
**Report Date:** 18-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (20)  
**Collection Date:** 10/21/2010 2:35:00 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>0.006</b>	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.558		<b>&lt; 0.558</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.55		<b>&lt; 0.55</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

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

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

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

LCS/LCSD RPD was outside of QC limit for 1,1-Dichloro-2-propanone.

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:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100915

**Report Date:** 18-Nov-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100915-001A	P6-D5.5-W (20)	10/20/2010	Solid	SW-846 3050B, 6010B, Metals by ICP	10/25/2010 12:41:02 PM	10/26/2010 6:07:52 PM
				SW-846 3050B, 6010B, Metals by ICP	10/25/2010 12:41:02 PM	10/27/2010 1:58:53 PM
				SW-846 3050B, Metals by GFAA	10/25/2010 2:32:23 PM	10/26/2010 9:33:46 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/23/2010 9:52:45 AM	10/28/2010 7:17:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/27/2010 4:48:59 PM	10/29/2010 2:10:00 AM
				SW-846 7471A	10/25/2010 10:15:58 AM	10/25/2010
10100915-001B				EPA SW846 3550C, 5035A, ASTM D2974		10/22/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/22/2010 2:00:00 PM
				SW-846 9012A		10/29/2010 11:56:00 AM
				SW-846 9012A (Total)		10/29/2010 11:56:00 AM
10100915-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/22/2010 4:04:00 PM
10100915-002A	P6-DE5.5-W (3)			SW-846 3050B, 6010B, Metals by ICP	10/25/2010 12:41:02 PM	10/26/2010 6:13:27 PM
				SW-846 3050B, 6010B, Metals by ICP	10/25/2010 12:41:02 PM	10/27/2010 2:04:30 PM
				SW-846 3050B, Metals by GFAA	10/25/2010 2:32:23 PM	10/26/2010 9:43:52 AM
				SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD	10/22/2010 5:12:13 PM	10/27/2010 6:05:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	10/22/2010 5:12:13 PM	10/25/2010 2:15:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/23/2010 9:52:45 AM	10/28/2010 9:09:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/27/2010 4:48:59 PM	10/28/2010 10:58:00 PM
				SW-846 7471A	10/25/2010 10:15:58 AM	10/25/2010
10100915-002B				EPA SW846 3550C, 5035A, ASTM D2974		10/22/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/22/2010 2:00:00 PM
				SW-846 9012A		10/29/2010 11:56:00 AM

ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100915

**Report Date:** 18-Nov-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100915-002B	P6-DE5.5-W (3)	10/20/2010	Solid	SW-846 9012A (Total)		10/29/2010 11:56:00 AM
10100915-002C				SW-846 8151A, Chlorinated Herbicides by GC/ECD		10/31/2010
10100915-002F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/22/2010 4:34:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/25/2010 3:09:00 PM
10100915-003A	P6-DE5.5-W (8)			SW-846 3050B, 6010B, Metals by ICP	10/25/2010 12:41:02 PM	10/26/2010 6:19:18 PM
				SW-846 3050B, 6010B, Metals by ICP	10/25/2010 12:41:02 PM	10/27/2010 2:10:21 PM
				SW-846 3050B, Metals by GFAA	10/25/2010 2:32:23 PM	10/26/2010 9:47:14 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/23/2010 9:52:45 AM	10/28/2010 9:47:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/27/2010 4:48:59 PM	10/28/2010 11:30:00 PM
				SW-846 7471A	10/25/2010 10:15:58 AM	10/25/2010
10100915-003B				EPA SW846 3550C, 5035A, ASTM D2974		10/22/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/22/2010 2:00:00 PM
				SW-846 9012A		10/29/2010 11:56:00 AM
				SW-846 9012A (Total)		10/29/2010 11:56:00 AM
10100915-003E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/22/2010 5:03:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/25/2010 3:38:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/27/2010 12:52:00 PM
10100915-004A	P6-DE5.5-W (20)	10/21/2010		SW-846 3050B, 6010B, Metals by ICP	10/25/2010 12:41:02 PM	10/26/2010 6:46:31 PM
				SW-846 3050B, 6010B, Metals by ICP	10/25/2010 12:41:02 PM	10/27/2010 2:26:59 PM
				SW-846 3050B, Metals by GFAA	10/25/2010 2:32:23 PM	10/26/2010 9:50:36 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/23/2010 9:52:46 AM	10/28/2010 10:25:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/27/2010 4:48:59 PM	10/29/2010 12:02:00 AM

ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100915

**Report Date:** 18-Nov-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100915-004A	P6-DE5.5-W (20)	10/21/2010	Solid	SW-846 7471A	10/25/2010 10:15:58 AM	10/25/2010
10100915-004B				EPA SW846 3550C, 5035A, ASTM D2974		10/22/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/22/2010 2:00:00 PM
				SW-846 9012A		10/29/2010 11:56:00 AM
				SW-846 9012A (Total)		10/29/2010 11:56:00 AM
10100915-004E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/22/2010 5:32:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/25/2010 4:08:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/27/2010 1:22:00 PM
10100915-005A	P6-E5.5-W (3)			SW-846 3050B, 6010B, Metals by ICP	10/25/2010 12:42:40 PM	10/26/2010 6:52:06 PM
				SW-846 3050B, 6010B, Metals by ICP	10/25/2010 12:42:40 PM	10/27/2010 2:32:34 PM
				SW-846 3050B, Metals by GFAA	10/25/2010 2:32:23 PM	10/26/2010 9:53:58 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/23/2010 9:52:46 AM	10/28/2010 11:03:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/27/2010 4:48:59 PM	10/29/2010 12:34:00 AM
				SW-846 7471A	10/25/2010 10:15:58 AM	10/25/2010
10100915-005B				EPA SW846 3550C, 5035A, ASTM D2974		10/22/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/22/2010 2:00:00 PM
				SW-846 9012A		10/29/2010 11:56:00 AM
				SW-846 9012A (Total)		10/29/2010 11:56:00 AM
10100915-005E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/22/2010 6:00:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/25/2010 4:37:00 PM
10100915-006A	P6-E5.5-W (8)			SW-846 3050B, 6010B, Metals by ICP	10/25/2010 1:40:10 PM	10/26/2010 7:19:21 PM
				SW-846 3050B, 6010B, Metals by ICP	10/25/2010 1:40:10 PM	10/27/2010 2:38:24 PM



ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100915

**Report Date:** 18-Nov-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100915-006A	P6-E5.5-W (8)	10/21/2010	Solid	SW-846 3050B, Metals by GFAA	10/25/2010 2:32:23 PM	10/26/2010 9:57:18 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/23/2010 9:52:46 AM	10/28/2010 11:41:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/27/2010 4:48:59 PM	10/29/2010 1:06:00 AM
				SW-846 7471A	10/25/2010 10:15:58 AM	10/25/2010
10100915-006B				EPA SW846 3550C, 5035A, ASTM D2974		10/22/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/22/2010 2:00:00 PM
				SW-846 9012A		10/29/2010 11:56:00 AM
				SW-846 9012A (Total)		10/29/2010 11:56:00 AM
				SW-846 9012A (Total)		11/2/2010 10:10:10 AM
10100915-006E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/22/2010 6:29:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/25/2010 5:06:00 PM
10100915-007A	P6-E5.5-W (20)			SW-846 3050B, 6010B, Metals by ICP	10/25/2010 1:40:10 PM	10/26/2010 7:53:16 PM
				SW-846 3050B, 6010B, Metals by ICP	10/25/2010 1:40:10 PM	10/27/2010 3:07:00 PM
				SW-846 3050B, Metals by GFAA	10/25/2010 2:32:23 PM	10/26/2010 10:07:34 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	10/23/2010 9:52:46 AM	10/28/2010 12:19:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	10/27/2010 4:48:59 PM	10/29/2010 1:38:00 AM
				SW-846 7471A	10/25/2010 10:15:58 AM	10/25/2010
10100915-007B				EPA SW846 3550C, 5035A, ASTM D2974		10/22/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		10/22/2010 2:00:00 PM
				SW-846 9012A		10/29/2010 11:56:00 AM
				SW-846 9012A (Total)		10/29/2010 11:56:00 AM
10100915-007E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/22/2010 6:58:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10100915

**Report Date:** 18-Nov-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10100915-007E	P6-E5.5-W (20)	10/21/2010	Solid	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/25/2010 5:35:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		10/27/2010 1:52:00 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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MB-R141956</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141956</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R141956</b>	Analysis Date: <b>10/29/2010</b>				SeqNo: <b>2777211</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-R141956</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141956</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R141956</b>	Analysis Date: <b>10/29/2010</b>				SeqNo: <b>2777212</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.03	0.01	0.02500	0	106.6	85	115				
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Sample ID: <b>MB-R141956</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141956</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R141956</b>	Analysis Date: <b>10/29/2010</b>				SeqNo: <b>2777250</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-R141956</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>141956</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R141956</b>	Analysis Date: <b>10/29/2010</b>				SeqNo: <b>2777251</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.02	0.01	0.02500	0	96.8	85	115				
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Sample ID: <b>10100915-006BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>142011</b>				
Client ID: <b>P6-E5.5-W (8)MS</b>	Batch ID: <b>R142011</b>	Analysis Date: <b>11/2/2010</b>				SeqNo: <b>2779703</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	2.05	0.63	1.584	0	129.6	75	125				S
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Sample ID: <b>10100915-006BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>142011</b>				
Client ID: <b>P6-E5.5-W (8)MSD</b>	Batch ID: <b>R142011</b>	Analysis Date: <b>11/2/2010</b>				SeqNo: <b>2779704</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>10100915-006BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>142011</b>				
Client ID: <b>P6-E5.5-W (8)MSD</b>	Batch ID: <b>R142011</b>					Analysis Date: <b>11/2/2010</b>	SeqNo: <b>2779704</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	1.90	0.63	1.584	0	119.9	75	125	2.052	7.78	15	

Sample ID: <b>MB-R142011</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>142011</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142011</b>					Analysis Date: <b>11/2/2010</b>	SeqNo: <b>2779983</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-R142011</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>142011</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142011</b>					Analysis Date: <b>11/2/2010</b>	SeqNo: <b>2779984</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.02	0.01	0.02500	0	94.9	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: I\_TS\_M\_MT

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCS-R141680</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>141680</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141680</b>		Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2770679</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>141680</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R141680</b>		Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2770680</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	94.0	90	110				

Sample ID: <b>10100915-001BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>141680</b>							
Client ID: <b>P6-D5.5-W (20)DUP</b>	Batch ID: <b>R141680</b>		Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2770726</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	82.7	0.1						80.73	2.42	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_HG\_SOLID

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MB-63937</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141728</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63937</b>	<b>SOP 3063</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771949</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-63937</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141728</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63937</b>	<b>SOP 3063</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771950</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.238	0.010	0.2500	0	95.4	85	115				
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Sample ID: <b>10100915-005AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141728</b>							
Client ID: <b>P6-E5.5-W (3)MS</b>	Batch ID: <b>63937</b>	<b>SOP 3063</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771969</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.357	0.013	0.3247	0.03702	98.6	75	125				
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Sample ID: <b>10100915-005AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141728</b>							
Client ID: <b>P6-E5.5-W (3)MSD</b>	Batch ID: <b>63937</b>	<b>SOP 3063</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771970</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.351	0.013	0.3247	0.03702	96.6	75	125	0.3572	1.83	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLID\_GF

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MB-63940</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141754</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63940</b>	<b>SOP 3042</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2772938</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-63940</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141754</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63940</b>	<b>SOP 3042</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2772939</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740

3.10

0.600

3.000

0

103.4

80

120

Sample ID: <b>10100915-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141754</b>							
Client ID: <b>P6-D5.5-W (20)MS</b>	Batch ID: <b>63940</b>	<b>SOP 3042</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2772941</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740

3.01

1.18

2.941

0

102.4

70

130

Sample ID: <b>10100915-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141754</b>							
Client ID: <b>P6-D5.5-W (20)MSD</b>	Batch ID: <b>63940</b>	<b>SOP 3042</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2772942</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740

2.89

1.18

2.941

0

98.2

70

130

3.012

4.20

20



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MB-63923</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/25/2010</b>	RunNo: <b>141767</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63923</b>	<b>SOP 3032</b>				Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773317</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	0.79	1.00	1.000	0	79.0	-100	100				J
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Sample ID: <b>LCS-63923</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/25/2010</b>	RunNo: <b>141767</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63923</b>	<b>SOP 3032</b>				Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773318</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	19.7	1.00	20.00	0	98.4	85	115				
Lead	49.6	4.00	50.00	0	99.1	85	115				

Sample ID: <b>MB-63938</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/25/2010</b>	RunNo: <b>141767</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>				Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773505</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	0.67	1.00	1.000	0	67.0	-100	100				J
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Sample ID: <b>LCS-63938</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/25/2010</b>	RunNo: <b>141767</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>				Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773506</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	19.7	1.00	20.00	0	98.6	85	115				
Lead	48.6	4.00	50.00	0	97.2	85	115				

Sample ID: <b>MB-63923</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>10/25/2010</b>	RunNo: <b>141790</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63923</b>	<b>SOP 3032</b>				Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773658</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				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MB-63923</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141790</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63923</b>	<b>SOP 3032</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773658</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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	0.5500	0	0	-100	100				

Sample ID: <b>LCS-63923</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141790</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63923</b>	<b>SOP 3032</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773661</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	22.2	1.00	20.00	0	111.0	85	115				
Silver	5.33	0.55	5.000	0	106.6	85	115				

Sample ID: <b>10100915-003AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141790</b>							
Client ID: <b>P6-DE5.5-W (8)MS</b>	Batch ID: <b>63923</b>	<b>SOP 3032</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773668</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	39.8	0.98	19.61	20.48	98.4	75	125				
Silver	5.18	0.54	4.902	0	105.6	75	125				

Sample ID: <b>10100915-003AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141790</b>							
Client ID: <b>P6-DE5.5-W (8)MSD</b>	Batch ID: <b>63923</b>	<b>SOP 3032</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773669</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	39.2	0.98	19.61	20.48	95.6	75	125	39.76	1.37	20	
Silver	5.15	0.54	4.902	0	105.0	75	125	5.176	0.570	20	

Sample ID: <b>MB-63938</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141790</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773674</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MB-63938</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141790</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773674</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Silver	< 0.55	0.55	0.5500	0	0	-100	100				

Sample ID: <b>LCS-63938</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141790</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773675</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	22.4	1.00	20.00	0	112.0	85	115				
Silver	5.44	0.55	5.000	0	108.8	85	115				

Sample ID: <b>10100915-006AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141790</b>							
Client ID: <b>P6-E5.5-W (8)MS</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773679</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	48.9	0.96	19.23	25.42	121.8	75	125				
Silver	5.04	0.53	4.808	0	104.8	75	125				

Sample ID: <b>10100915-006AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141790</b>							
Client ID: <b>P6-E5.5-W (8)MSD</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773680</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	47.3	0.96	19.23	25.42	113.6	75	125	48.86	3.32	20	
Silver	4.97	0.53	4.808	0	103.4	75	125	5.038	1.34	20	

Sample ID: <b>10100915-007AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141790</b>							
Client ID: <b>P6-E5.5-W (20)MS</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773684</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	37.7	0.96	19.23	17.20	106.6	75	125				
Silver	5.09	0.53	4.808	0	105.8	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>10100915-007AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141790</b>							
Client ID: <b>P6-E5.5-W (20)MSD</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/26/2010</b>	SeqNo: <b>2773685</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	37.0	0.96	19.23	17.20	102.7	75	125	37.69	1.98	20	
Silver	5.00	0.53	4.808	0	104.0	75	125	5.087	1.72	20	

Sample ID: <b>MB-63938</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141823</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/27/2010</b>	SeqNo: <b>2774344</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				
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Sample ID: <b>LCS-63938</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141823</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/27/2010</b>	SeqNo: <b>2774345</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	99.1	85	115				
Barium	186	0.50	200.0	0	93.0	85	115				
Cadmium	4.88	0.20	5.000	0	97.6	85	115				
Lead	47.8	4.00	50.00	0	95.5	85	115				

Sample ID: <b>MB-63923</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141823</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63923</b>	<b>SOP 3032</b>	Analysis Date: <b>10/27/2010</b>	SeqNo: <b>2774347</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				
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCS-63923</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141823</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63923</b>	<b>SOP 3032</b>	Analysis Date: <b>10/27/2010</b>	SeqNo: <b>2774348</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	101.0	85	115				
Barium	191	0.50	200.0	0	95.4	85	115				
Cadmium	5.00	0.20	5.000	0	100	85	115				
Lead	49.5	4.00	50.00	0	98.9	85	115				

Sample ID: <b>10100915-003AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141823</b>							
Client ID: <b>P6-DE5.5-W (8)MS</b>	Batch ID: <b>63923</b>	<b>SOP 3032</b>	Analysis Date: <b>10/27/2010</b>	SeqNo: <b>2774587</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	193	2.45	196.1	5.382	95.6	75	125				
Barium	177	0.49	196.1	22.10	78.8	75	125				
Cadmium	4.37	0.20	4.902	0.1275	86.6	75	125				
Lead	53.0	3.92	49.02	11.99	83.6	75	125				

Sample ID: <b>10100915-003AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141823</b>							
Client ID: <b>P6-DE5.5-W (8)MSD</b>	Batch ID: <b>63923</b>	<b>SOP 3032</b>	Analysis Date: <b>10/27/2010</b>	SeqNo: <b>2774588</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	192	2.45	196.1	5.382	95.1	75	125	192.8	0.561	20	
Barium	178	0.49	196.1	22.10	79.4	75	125	176.7	0.664	20	
Cadmium	4.31	0.20	4.902	0.1275	85.4	75	125	4.373	1.35	20	
Lead	53.7	3.92	49.02	11.99	85.1	75	125	52.96	1.38	20	

Sample ID: <b>10100915-006AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141823</b>							
Client ID: <b>P6-E5.5-W (8)MS</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/27/2010</b>	SeqNo: <b>2774592</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	192	2.40	192.3	8.029	95.8	75	125				
Barium	230	0.48	192.3	64.21	86.1	75	125				
Cadmium	4.53	0.19	4.808	0.2596	88.8	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>10100915-006AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141823</b>							
Client ID: <b>P6-E5.5-W (8)MS</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/27/2010</b>	SeqNo: <b>2774592</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	59.6	3.85	48.08	16.53	89.7	75	125				
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Sample ID: <b>10100915-006AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141823</b>							
Client ID: <b>P6-E5.5-W (8)MSD</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/27/2010</b>	SeqNo: <b>2774593</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	197	2.40	192.3	8.029	98.3	75	125	192.2	2.52	20
Barium	228	0.48	192.3	64.21	85.2	75	125	229.8	0.798	20
Cadmium	4.67	0.19	4.808	0.2596	91.8	75	125	4.529	3.13	20
Lead	60.7	3.85	48.08	16.53	91.9	75	125	59.64	1.77	20

Sample ID: <b>10100915-007AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141823</b>							
Client ID: <b>P6-E5.5-W (20)MS</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/27/2010</b>	SeqNo: <b>2774597</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	182	2.40	192.3	4.596	92.1	75	125			
Barium	162	0.48	192.3	14.14	76.9	75	125			
Cadmium	4.02	0.19	4.808	0	83.6	75	125			
Lead	49.8	3.85	48.08	9.548	83.7	75	125			

Sample ID: <b>10100915-007AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141823</b>							
Client ID: <b>P6-E5.5-W (20)MSD</b>	Batch ID: <b>63938</b>	<b>SOP 3032</b>	Analysis Date: <b>10/27/2010</b>	SeqNo: <b>2774598</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	189	2.40	192.3	4.596	95.7	75	125	181.6	3.74	20
Barium	169	0.48	192.3	14.14	80.5	75	125	162.0	4.18	20
Cadmium	4.23	0.19	4.808	0	88.0	75	125	4.019	5.13	20
Lead	56.4	3.85	48.08	9.548	97.5	75	125	49.78	12.5	20

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SC\_8151S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MB-R142226</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date:			RunNo: <b>142226</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>R142226</b>		Analysis Date: <b>10/31/2010</b>			SeqNo: <b>2783582</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	ND	0.05									
2,4,5-TP (Silvex)	ND	0.05									
2,4-D	ND	0.05									
2,4-DB	ND	0.05									
3,5-Dichlorobenzoic Acid	ND	0.05									
Acifluorfen	ND	0.05									
Bentazon	ND	0.05									
Chloramben	ND	0.05									
Dalapon	ND	0.05									
DCPA	ND	0.05									
Dicamba	ND	0.05									
Dichlorprop	ND	0.05									
Dinoseb	ND	0.05									
Pentachlorophenol	ND	0.05									
Picloram	ND	0.05									
Surr: DCAA	0.04		0.07600		55.9	50	136				

Sample ID: <b>LCS-R142226</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date:			RunNo: <b>142226</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>R142226</b>		Analysis Date: <b>10/31/2010</b>			SeqNo: <b>2783583</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	0.02	0.05	0.02667	0	63.7	50	148				J
2,4,5-TP (Silvex)	0.02	0.05	0.02667	0	60.0	50	150				J
2,4-D	0.04	0.05	0.05333	0	73.1	50	150				J
2,4-DB	0.18	0.05	0.2133	0	82.5	50	150				J
3,5-Dichlorobenzoic Acid	0.03	0.05	0.02667	0	127.5	50	139				J
Acifluorfen	0.02	0.05	0.02667	0	71.2	50	150				J
Bentazon	0.05	0.05	0.05333	0	88.1	50	137				J
Chloramben	0.01	0.05	0.02667	0	48.7	16	106				J
Dalapon	0.10	0.05	0.3467	0	29.4	18	103				J
DCPA	0.01	0.05	0.02667	0	33.7	50	150				JS

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SC\_8151S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dicamba	0.02	0.05	0.02667	0	67.5	50	150				J
Dichlorprop	0.05	0.05	0.08000	0	66.2	50	150				
Dinoseb	0.01	0.05	0.05333	0	9.4	10	69				JS
Pentachlorophenol	0.01	0.05	0.02667	0	41.2	50	139				JS
Picloram	0.02	0.05	0.02667	0	71.2	50	150				J
Surr: DCAA	0.04		0.07600		57.0	50	136				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MB-63904</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141733</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63904</b>	<b>SW3550B</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2772205</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	1.67									
4,4'-DDE	ND	1.67									
4,4'-DDT	ND	1.67									
Alachlor	ND	1.67									
Aldrin	ND	1.67									
alpha-BHC	ND	1.67									
alpha-Chlordane	ND	1.67									
beta-BHC	ND	1.67									
Chlordane	ND	3.34									
delta-BHC	ND	1.67									
Dieldrin	ND	1.67									
Endosulfan I	ND	1.67									
Endosulfan II	ND	1.67									
Endosulfan sulfate	ND	1.67									
Endrin	ND	1.67									
Endrin aldehyde	ND	1.67									
Endrin ketone	ND	1.67									
gamma-BHC	ND	1.67									
gamma-Chlordane	ND	1.67									
Heptachlor	ND	1.67									
Heptachlor epoxide	ND	1.67									
Methoxychlor	ND	1.67									
Toxaphene	ND	30.0									
Surr: Decachlorobiphenyl	9.80		8.330		117.6	73.5	150				
Surr: Tetrachloro-m-xylene	5.60		8.330		67.3	14.4	113				

Sample ID: <b>LCSPST-63904</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141733</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63904</b>	<b>SW3550B</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2772206</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	7.14	1.67	8.330	0	85.7	36	208				

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCSPST-63904</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>10/22/2010</b>		RunNo: <b>141733</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63904</b>		<b>SW3550B</b>		Analysis Date: <b>10/25/2010</b>		SeqNo: <b>2772206</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDE	7.06	1.67	8.330	0	84.7	26	191				
4,4'-DDT	7.17	1.67	8.330	0	86.1	3	215				
Alachlor	9.86	1.67	8.330	0	118.4	30	170				
Aldrin	5.97	1.67	8.330	0	71.7	46	173				
alpha-BHC	5.51	1.67	8.330	0	66.2	37	179				
alpha-Chlordane	6.83	1.67	8.330	0	82.0	38	187				
beta-BHC	7.15	1.67	8.330	0	85.8	51	185				
delta-BHC	6.77	1.67	8.330	0	81.3	46	166				
Dieldrin	6.66	1.67	8.330	0	80.0	26	216				
Endosulfan I	6.70	1.67	8.330	0	80.4	31	205				
Endosulfan II	7.33	1.67	8.330	0	88.0	42	187				
Endosulfan sulfate	8.10	1.67	8.330	0	97.2	29	230				
Endrin	6.57	1.67	8.330	0	78.9	30	215				
Endrin aldehyde	7.42	1.67	8.330	0	89.1	42	202				
Endrin ketone	8.95	1.67	8.330	0	107.4	19	244				
gamma-BHC	6.73	1.67	8.330	0	80.8	55	166				
gamma-Chlordane	6.96	1.67	8.330	0	83.5	23	186				
Heptachlor	9.39	1.67	8.330	0	112.7	43	172				
Heptachlor epoxide	6.93	1.67	8.330	0	83.1	39	204				
Methoxychlor	8.74	1.67	8.330	0	105.0	3	221				
Surr: Decachlorobiphenyl	10.8		8.330		129.4	50.4	176				
Surr: Tetrachloro-m-xylene	6.32		8.330		75.9	10	107				

Sample ID: <b>10100915-002AMS</b>		SampType: <b>MS</b>		Units: <b>µg/Kg-dry</b>		Prep Date: <b>10/22/2010</b>		RunNo: <b>141871</b>			
Client ID: <b>P6-DE5.5-W (3)MS</b>		Batch ID: <b>63904</b>		<b>SW3550B</b>		Analysis Date: <b>10/27/2010</b>		SeqNo: <b>2775355</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	14.9	4.16	20.74	0	71.8	36	208				
4,4'-DDE	15.6	4.16	20.74	0	75.1	26	191				
4,4'-DDT	13.4	4.16	20.74	0	64.4	3	215				
Alachlor	21.0	4.16	20.74	0	101.1	30	170				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: 10100915-002AMS		SampType: MS		Units: µg/Kg-dry			Prep Date: 10/22/2010		RunNo: 141871		
Client ID: P6-DE5.5-W (3)MS		Batch ID: 63904		SW3550B			Analysis Date: 10/27/2010		SeqNo: 2775355		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	12.3	4.16	20.74	0	59.4	46	173				
alpha-BHC	11.3	4.16	20.74	0	54.3	37	179				
alpha-Chlordane	14.6	4.16	20.74	0	70.5	38	187				
beta-BHC	16.1	4.16	20.74	0	77.7	51	185				
delta-BHC	14.7	4.16	20.74	0	71.1	46	166				
Dieldrin	13.8	4.16	20.74	0	66.5	26	216				
Endosulfan I	14.4	4.16	20.74	0	69.5	31	205				
Endosulfan II	15.7	4.16	20.74	0	75.5	42	187				
Endosulfan sulfate	17.8	4.16	20.74	0	85.6	29	230				
Endrin	14.0	4.16	20.74	0	67.7	30	215				
Endrin aldehyde	19.6	4.16	20.74	0	94.4	42	202				
Endrin ketone	19.1	4.16	20.74	0	92.0	19	244				
gamma-BHC	13.5	4.16	20.74	0	65.2	55	166				
gamma-Chlordane	15.4	4.16	20.74	0	74.1	23	186				
Heptachlor	28.1	4.16	20.74	0	135.7	43	172				
Heptachlor epoxide	15.1	4.16	20.74	0	72.8	39	204				
Methoxychlor	20.4	4.16	20.74	0	98.1	3	221				
Surr: Decachlorobiphenyl	22.4		20.74		108.2	48	149				
Surr: Tetrachloro-m-xylene	12.9		20.74		62.2	19	145				

Sample ID: 10100915-002AMSD		SampType: MSD		Units: µg/Kg-dry			Prep Date: 10/22/2010		RunNo: 141871		
Client ID: P6-DE5.5-W (3)MSD		Batch ID: 63904		SW3550B			Analysis Date: 10/27/2010		SeqNo: 2775356		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	13.8	4.18	20.85	0	66.2	36	208	14.89	7.57	40	
4,4'-DDE	14.6	4.18	20.85	0	70.0	26	191	15.59	6.56	40	
4,4'-DDT	12.5	4.18	20.85	0	59.8	3	215	13.37	7.03	40	
Alachlor	20.3	4.18	20.85	0	97.2	30	170	20.96	3.35	40	
Aldrin	12.5	4.18	20.85	0	60.0	46	173	12.33	1.53	40	
alpha-BHC	12.8	4.18	20.85	0	61.4	37	179	11.27	12.8	40	
alpha-Chlordane	14.2	4.18	20.85	0	68.0	38	187	14.63	3.05	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
beta-BHC	16.5	4.18	20.85	0	79.1	51	185	16.12	2.33	40	
delta-BHC	15.1	4.18	20.85	0	72.6	46	166	14.74	2.61	40	
Dieldrin	13.3	4.18	20.85	0	63.6	26	216	13.79	3.81	40	
Endosulfan I	13.6	4.18	20.85	0	65.3	31	205	14.41	5.63	40	
Endosulfan II	14.9	4.18	20.85	0	71.6	42	187	15.66	4.81	40	
Endosulfan sulfate	17.1	4.18	20.85	0	81.9	29	230	17.76	3.83	40	
Endrin	13.5	4.18	20.85	0	64.7	30	215	14.05	3.99	40	
Endrin aldehyde	18.7	4.18	20.85	0	89.7	42	202	19.58	4.61	40	
Endrin ketone	18.2	4.18	20.85	0	87.1	19	244	19.09	4.93	40	
gamma-BHC	14.2	4.18	20.85	0	68.0	55	166	13.52	4.77	40	
gamma-Chlordane	14.8	4.18	20.85	0	71.0	23	186	15.38	3.87	40	
Heptachlor	29.6	4.18	20.85	0	142.1	43	172	28.15	5.14	40	
Heptachlor epoxide	15.2	4.18	20.85	0	72.8	39	204	15.10	0.502	40	
Methoxychlor	19.3	4.18	20.85	0	92.3	3	221	20.35	5.55	40	
Surr: Decachlorobiphenyl	22.5		20.85		108.1	48	149		0	40	
Surr: Tetrachloro-m-xylene	14.2		20.85		68.2	19	145		0	40	

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

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

TestCode: SV\_8082S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MB-63904</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141720</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63904</b>	<b>SW3550B</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771786</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	37.5									
Aroclor 1221	ND	37.5									
Aroclor 1232	ND	37.5									
Aroclor 1242	ND	37.5									
Aroclor 1248	ND	37.5									
Aroclor 1254	ND	37.5									
Aroclor 1260	ND	37.5									
Surr: Decachlorobiphenyl	9.7		8.300		116.6	47.2	128				
Surr: Tetrachloro-meta-xylene	7.1		8.300		85.9	21	98.9				

Sample ID: <b>LCSPCB-63904</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141720</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63904</b>	<b>SW3550B</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771787</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	134	37.5	166.7	0	80.1	54.9	121				
Aroclor 1260	146	37.5	166.7	0	87.4	65.5	133				
Surr: Decachlorobiphenyl	10.7		8.300		128.4	47.2	128				S
Surr: Tetrachloro-meta-xylene	7.0		8.300		84.1	21	98.9				

Sample ID: <b>10100915-002AMS</b>	SampType: <b>MS</b>	Units: <b>µg/Kg-dry</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141720</b>							
Client ID: <b>P6-DE5.5-W (3)MS</b>	Batch ID: <b>63904</b>	<b>SW3550B</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2773352</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	352	93.4	415.1	0	84.8	35.8	143				
Aroclor 1260	377	93.4	415.1	0	90.9	22.3	152				
Surr: Decachlorobiphenyl	26.9		20.67		130.2	5	156				
Surr: Tetrachloro-meta-xylene	19.8		20.67		95.9	7.35	123				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8082S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>10100915-002AMSD</b>	SampType: <b>MSD</b>	Units: <b>µg/Kg-dry</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141720</b>							
Client ID: <b>P6-DE5.5-W (3)MSD</b>	Batch ID: <b>63904</b>	<b>SW3550B</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2773353</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	362	93.9	417.3	0	86.8	35.8	143	351.9	2.85	40	
Aroclor 1260	382	93.9	417.3	0	91.6	22.3	152	377.5	1.22	40	
Surr: Decachlorobiphenyl	24.8		20.78		119.1	5	156		0	40	
Surr: Tetrachloro-meta-xylene	19.8		20.78		95.2	7.35	123		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MB-63990</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/27/2010</b>	RunNo: <b>141919</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63990</b>	<b>SW3550B</b>	Analysis Date: <b>10/28/2010</b>	SeqNo: <b>2776365</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	0.034									
Acenaphthylene	ND	0.034									
Aniline	ND	0.500									
Anthracene	ND	0.034									
Azobenzene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MB-63990</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/27/2010</b>	RunNo: <b>141919</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63990</b>	<b>SW3550B</b>	Analysis Date: <b>10/28/2010</b>	SeqNo: <b>2776365</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	0.034									
Benzo(a)pyrene	ND	0.034									
Benzo(b)fluoranthene	ND	0.034									
Benzo(g,h,i)perylene	ND	0.034									
Benzo(k)fluoranthene	ND	0.034									
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	0.034									
Dibenzo(a,h)anthracene	ND	0.034									
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	0.034									
Fluorene	ND	0.034									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.034									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.034									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MB-63990</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/27/2010</b>	RunNo: <b>141919</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63990</b>	<b>SW3550B</b>	Analysis Date: <b>10/28/2010</b>	SeqNo: <b>2776365</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	0.034									
Phenol	ND	0.350									
Pyrene	ND	0.034									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.17		1.670		70.1	52.1	113				
Surr: 2-Fluorobiphenyl	0.587		0.8350		70.3	46.3	106				
Surr: 2-Fluorophenol	1.33		1.670		79.7	50.6	89				
Surr: Nitrobenzene-d5	0.678		0.8350		81.2	42.4	99.2				
Surr: Phenol-d5	1.38		1.670		82.5	55.9	98.5				
Surr: p-Terphenyl-d14	0.661		0.8350		79.2	45.5	115				

Sample ID: <b>LCS-63990</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/27/2010</b>	RunNo: <b>141919</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63990</b>	<b>SW3550B</b>	Analysis Date: <b>10/28/2010</b>	SeqNo: <b>2776366</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.02	0.500	1.670	0	61.0	43.9	92.2				
1,4-Dichlorobenzene	1.01	0.500	1.670	0	60.7	43.8	84.1				
2,4,5-Trichlorophenol	2.40	0.350	3.330	0	72.1	38.6	123				
2,4,6-Trichlorophenol	2.57	0.350	3.330	0	77.2	35.9	123				
2,4-Dimethylphenol	2.43	0.500	3.330	0	73.1	38.3	88				
2,4-Dinitrophenol	2.41	1.00	3.330	0	72.4	1.88	162				
2,4-Dinitrotoluene	1.16	0.350	1.670	0	69.6	48.6	102				
2-Chlorophenol	2.37	0.500	3.330	0	71.0	46.6	84				
4-Chloro-3-methylphenol	2.56	0.500	3.330	0	77.0	51.5	94.9				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCS-63990</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>					Prep Date: <b>10/27/2010</b>	RunNo: <b>141919</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63990</b>	<b>SW3550B</b>					Analysis Date: <b>10/28/2010</b>	SeqNo: <b>2776366</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	3.22	0.350	3.330	0	96.7	53.2	104				
Acenaphthene	1.15	0.034	1.670	0	68.9	50.8	113				
Acenaphthylene	1.22	0.034	1.670	0	72.8	52.8	121				
Anthracene	1.13	0.034	1.670	0	67.5	53.3	115				
Benzo(a)anthracene	1.04	0.034	1.670	0	62.5	62.3	110				
Benzo(a)pyrene	1.13	0.034	1.670	0	67.9	58.2	109				
Benzo(b)fluoranthene	1.11	0.034	1.670	0	66.6	51.8	107				
Benzo(g,h,i)perylene	1.15	0.034	1.670	0	69.1	49.6	121				
Benzo(k)fluoranthene	1.19	0.034	1.670	0	71.1	63.1	129				
Bis(2-ethylhexyl)phthalate	1.18	0.350	1.670	0	70.4	56.3	109				
Chrysene	1.14	0.034	1.670	0	68.4	58.4	115				
Dibenzo(a,h)anthracene	1.19	0.034	1.670	0	71.5	54.9	120				
Diethyl phthalate	2.39	0.500	3.330	0	71.7	51.7	106				
Dimethyl phthalate	2.37	0.350	3.330	0	71.1	58.8	104				
Di-n-butyl phthalate	1.23	0.350	1.670	0	73.7	54.3	105				
Fluoranthene	1.21	0.034	1.670	0	72.5	61.6	113				
Fluorene	1.12	0.034	1.670	0	67.0	52.2	116				
Hexachlorobenzene	2.37	0.350	3.330	0	71.3	55.9	106				
Hexachlorobutadiene	2.13	0.500	3.330	0	64.0	35.7	100				
Hexachloroethane	2.27	0.500	3.330	0	68.1	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.20	0.034	1.670	0	71.8	52.7	115				
m,p-Cresol	1.22	0.500	1.670	0	73.3	37.6	93.7				
Naphthalene	1.10	0.034	1.670	0	65.8	45.7	101				
Nitrobenzene	2.27	0.500	3.330	0	68.1	51.8	104				
N-Nitroso-di-n-propylamine	1.16	0.500	1.670	0	69.4	49.1	94.5				
o-Cresol	1.22	0.500	1.670	0	72.8	43	101				
Pentachlorophenol	2.54	2.00	3.330	0	76.4	42.2	102				
Phenanthrene	1.17	0.034	1.670	0	70.2	52.9	113				
Phenol	2.43	0.350	3.330	0	73.0	41.6	81.3				
Pyrene	1.17	0.034	1.670	0	70.3	60.7	115				
Pyridine	1.69	0.500	3.330	0	50.7	3.61	74.3				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCS-63990</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/27/2010</b>		RunNo: <b>141919</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63990</b>		<b>SW3550B</b>		Analysis Date: <b>10/28/2010</b>		SeqNo: <b>2776366</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1.12		1.670		67.0	52.1	113				
Surr: 2-Fluorobiphenyl	0.511		0.8350		61.2	46.3	106				
Surr: 2-Fluorophenol	1.04		1.670		62.4	50.6	89				
Surr: Nitrobenzene-d5	0.539		0.8350		64.6	42.4	99.2				
Surr: Phenol-d5	1.12		1.670		67.2	55.9	98.5				
Surr: p-Terphenyl-d14	0.575		0.8350		68.9	45.5	115				

Sample ID: <b>10100915-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/27/2010</b>		RunNo: <b>141919</b>			
Client ID: <b>P6-D5.5-W (20)MS</b>		Batch ID: <b>63990</b>		<b>SW3550B</b>		Analysis Date: <b>10/29/2010</b>		SeqNo: <b>2776374</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.4	6.06	4.051	0	58.5	35.9	102				J
1,4-Dichlorobenzene	2.5	6.06	4.051	0	61.0	29.8	95.5				J
2,4,5-Trichlorophenol	4.65	4.24	8.077	0	57.6	38.6	123				
2,4,6-Trichlorophenol	4.62	4.24	8.077	0	57.2	35.9	123				
2,4-Dimethylphenol	5.1	6.06	8.077	0	63.6	38.3	88				J
2,4-Dinitrophenol	1.6	12.1	8.077	0	20.2	1.88	162				J
2,4-Dinitrotoluene	3.1	4.24	4.051	0	76.9	37.5	107				J
2-Chlorophenol	5.2	6.06	8.077	0	64.5	22.6	108				J
4-Chloro-3-methylphenol	5.1	6.06	8.077	0	62.9	19.3	131				J
4-Nitrophenol	5.78	4.24	8.077	0	71.5	27.6	123				
Diethyl phthalate	5.3	6.06	8.077	0	65.7	51.7	106				J
Dimethyl phthalate	5.44	4.24	8.077	0	67.4	58.8	104				
Di-n-butyl phthalate	2.9	4.24	4.051	0	72.6	54.3	105				J
Hexachlorobenzene	4.83	4.24	8.077	0	59.7	55.9	106				
Hexachlorobutadiene	4.9	6.06	8.077	0	60.3	35.7	100				J
Hexachloroethane	5.1	6.06	8.077	0	63.6	38.9	89.9				J
m,p-Cresol	2.8	6.06	4.051	0	69.2	37.6	93.7				J
Nitrobenzene	5.8	6.06	8.077	0	71.9	51.8	104				J
N-Nitroso-di-n-propylamine	3.0	6.06	4.051	0	75.3	45.5	99.1				J
o-Cresol	2.7	6.06	4.051	0	66.0	43	101				J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: 10100915-001AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 10/27/2010		RunNo: 141919			
Client ID: P6-D5.5-W (20)MS		Batch ID: 63990		SW3550B		Analysis Date: 10/29/2010		SeqNo: 2776374			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	ND	24.3	8.077	0	0	18.5	113				S
Phenol	5.54	4.24	8.077	0	68.6	20.8	110				
Pyridine	4.3	6.06	8.077	0	53.7	3.61	74.3				J
Surr: 2,4,6-Tribromophenol	2.25		4.051		55.4	32.7	130				
Surr: 2-Fluorobiphenyl	1.18		2.025		58.4	34.1	116				
Surr: 2-Fluorophenol	2.53		4.051		62.6	30.5	99				
Surr: Nitrobenzene-d5	1.46		2.025		72.2	34.1	101				
Surr: Phenol-d5	2.75		4.051		67.8	34.9	110				
Surr: p-Terphenyl-d14	1.21		2.025		59.9	41.7	124				

Sample ID: 10100915-001AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 10/27/2010		RunNo: 141919			
Client ID: P6-D5.5-W (20)MSD		Batch ID: 63990		SW3550B		Analysis Date: 10/29/2010		SeqNo: 2776375			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.2	6.09	4.069	0	54.4	35.9	102	2.370	0	40	J
1,4-Dichlorobenzene	2.4	6.09	4.069	0	57.7	29.8	95.5	2.470	0	40	J
2,4,5-Trichlorophenol	4.56	4.26	8.114	0	56.1	38.6	123	4.652	2.09	40	
2,4,6-Trichlorophenol	4.95	4.26	8.114	0	61.0	35.9	123	4.623	6.77	40	
2,4-Dimethylphenol	5.5	6.09	8.114	0	68.3	38.3	88	5.137	0	40	J
2,4-Dinitrophenol	2.1	12.2	8.114	0	25.6	1.88	162	1.634	0	40	J
2,4-Dinitrotoluene	3.4	4.26	4.069	0	82.4	37.5	107	3.116	0	40	J
2-Chlorophenol	5.2	6.09	8.114	0	64.0	22.6	108	5.214	0	40	J
4-Chloro-3-methylphenol	5.2	6.09	8.114	0	64.7	19.3	131	5.079	0	40	J
4-Nitrophenol	5.84	4.26	8.114	0	72.0	27.6	123	5.778	1.07	40	
Diethyl phthalate	5.3	6.09	8.114	0	64.8	51.7	106	5.305	0	40	J
Dimethyl phthalate	5.38	4.26	8.114	0	66.4	58.8	104	5.445	1.12	40	
Di-n-butyl phthalate	2.9	4.26	4.069	0	70.5	54.3	105	2.940	0	40	J
Hexachlorobenzene	4.80	4.26	8.114	0	59.1	55.9	106	4.825	0.612	40	
Hexachlorobutadiene	4.8	6.09	8.114	0	59.3	35.7	100	4.872	0	40	J
Hexachloroethane	5.0	6.09	8.114	0	61.8	38.9	89.9	5.138	0	40	J
m,p-Cresol	2.8	6.09	4.069	0	68.3	37.6	93.7	2.802	0	40	J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrobenzene	5.5	6.09	8.114	0	67.9	51.8	104	5.807	0	40	J
N-Nitroso-di-n-propylamine	3.0	6.09	4.069	0	74.3	45.5	99.1	3.049	0	40	J
o-Cresol	2.9	6.09	4.069	0	71.0	43	101	2.675	0	40	J
Pentachlorophenol	ND	24.4	8.114	0	0	18.5	113	0	0	40	S
Phenol	5.70	4.26	8.114	0	70.3	20.8	110	5.538	2.94	40	
Pyridine	4.7	6.09	8.114	0	57.7	3.61	74.3	4.339	0	40	J
Surr: 2,4,6-Tribromophenol	2.19		4.069		53.9	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	1.13		2.035		55.7	34.1	116		0	40	
Surr: 2-Fluorophenol	2.63		4.069		64.6	30.5	99		0	40	
Surr: Nitrobenzene-d5	1.41		2.035		69.5	34.1	101		0	40	
Surr: Phenol-d5	2.65		4.069		65.1	34.9	110		0	40	
Surr: p-Terphenyl-d14	1.24		2.035		60.9	41.7	124		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MB-63912</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/23/2010</b>	RunNo: <b>141828</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63912</b>	<b>SW3550B</b>	Analysis Date: <b>10/27/2010</b>	SeqNo: <b>2774782</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									
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									
o-Cresol	ND	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.099		0.1670		59.5	17.5	123				
Surr: 2-Fluorophenol	0.189		0.3330		56.8	23	117				
Surr: Nitrobenzene-d5	0.092		0.1670		55.2	35	105				
Surr: Phenol-d5	0.220		0.3330		66.0	33.2	125				
Surr: p-Terphenyl-d14	0.116		0.1670		69.2	53.6	122				

Sample ID: <b>LCS-63912</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>10/23/2010</b>	RunNo: <b>141828</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63912</b>	<b>SW3550B</b>	Analysis Date: <b>10/27/2010</b>	SeqNo: <b>2774783</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCS-63912</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>10/23/2010</b>		RunNo: <b>141828</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>63912</b>		<b>SW3550B</b>		Analysis Date: <b>10/27/2010</b>		SeqNo: <b>2774783</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	77.8	56.3	115				
Acenaphthylene	0.127	0.003	0.1670	0	76.3	60.3	143				
Anthracene	0.116	0.003	0.1670	0	69.4	52.1	109				
Benzo(a)anthracene	0.113	0.003	0.1670	0	67.8	52.8	112				
Benzo(a)pyrene	0.120	0.003	0.1670	0	71.6	40.8	127				
Benzo(b)fluoranthene	0.130	0.003	0.1670	0	77.9	50.1	150				
Benzo(g,h,i)perylene	0.127	0.003	0.1670	0	76.0	52.8	145				
Benzo(k)fluoranthene	0.126	0.003	0.1670	0	75.7	52	153				
Bis(2-ethylhexyl)phthalate	0.148	0.067	0.1670	0	88.7	50	150				
Chrysene	0.127	0.003	0.1670	0	76.2	60.8	128				
Dibenzo(a,h)anthracene	0.123	0.003	0.1670	0	73.8	54.9	150				
Diethyl phthalate	0.132	0.034	0.1670	0	79.0	50	150				
Dimethyl phthalate	0.122	0.034	0.1670	0	73.1	50	150				
Fluoranthene	0.125	0.003	0.1670	0	74.8	58.7	125				
Fluorene	0.130	0.003	0.1670	0	77.7	57.8	125				
Indeno(1,2,3-cd)pyrene	0.124	0.003	0.1670	0	74.1	52	147				
m,p-Cresol	0.102	0.010	0.1670	0	61.2	50	150				
Naphthalene	0.109	0.003	0.1670	0	65.3	54.8	113				
o-Cresol	0.111	0.003	0.1670	0	66.4	50	150				
Phenanthrene	0.121	0.003	0.1670	0	72.2	60.4	121				
Pyrene	0.125	0.003	0.1670	0	75.0	57.9	129				
Surr: 2-Fluorobiphenyl	0.107		0.1670		63.8	35.3	113				
Surr: 2-Fluorophenol	0.188		0.3330		56.6	13.6	123				
Surr: Nitrobenzene-d5	0.100		0.1670		59.6	33.9	108				
Surr: Phenol-d5	0.209		0.3330		62.9	33.7	129				
Surr: p-Terphenyl-d14	0.122		0.1670		73.1	58.4	122				

Sample ID: <b>10100915-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>10/23/2010</b>		RunNo: <b>141850</b>			
Client ID: <b>P6-D5.5-W (20)MS</b>		Batch ID: <b>63912</b>		<b>SW3550B</b>		Analysis Date: <b>10/28/2010</b>		SeqNo: <b>2775029</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: 10100915-001AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 10/23/2010		RunNo: 141850			
Client ID: P6-D5.5-W (20)MS		Batch ID: 63912		SW3550B		Analysis Date: 10/28/2010		SeqNo: 2775029			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	17.1	0.417	0.2049	7.137	4848	36	135				S
Acenaphthylene	2.12	0.417	0.2049	1.056	518.3	17.2	167				S
Anthracene	9.27	0.417	0.2049	4.091	2530	39.3	124				S
Benzo(a)anthracene	6.59	0.417	0.2049	3.517	1499	10	183				S
Benzo(a)pyrene	6.56	0.417	0.2049	3.509	1489	10	204				S
Benzo(b)fluoranthene	5.26	0.417	0.2049	2.961	1122	10.6	178				S
Benzo(g,h,i)perylene	3.21	0.417	0.2049	1.867	657.5	10	168				S
Benzo(k)fluoranthene	1.87	0.417	0.2049	0.9213	462.5	27.6	181				S
Bis(2-ethylhexyl)phthalate	ND	8.22	0.2049	0	0	50	150				S
Chrysene	6.40	0.417	0.2049	3.509	1409	10	176				S
Dibenzo(a,h)anthracene	0.826	0.417	0.2049	0.4095	203.3	12.2	156				S
Fluoranthene	10.5	0.417	0.2049	5.139	2617	10	227				S
Fluorene	9.74	0.417	0.2049	4.001	2802	35.2	148				S
Indeno(1,2,3-cd)pyrene	2.45	0.417	0.2049	1.392	516.1	10	164				S
Naphthalene	22.5	0.417	0.2049	7.829	7175	14.7	128				S
Phenanthrene	33.5	0.417	0.2049	14.54	9262	32.8	143				S
Pyrene	18.7	0.417	0.2049	9.283	4579	10	180				S
Surr: 2-Fluorobiphenyl	0.159		0.2049		77.8	10	131				
Surr: Nitrobenzene-d5	0.115		0.2049		55.9	10	132				
Surr: p-Terphenyl-d14	0.159		0.2049		77.8	30.6	131				

Sample ID: 10100915-001AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 10/23/2010		RunNo: 141850			
Client ID: P6-D5.5-W (20)MSD		Batch ID: 63912		SW3550B		Analysis Date: 10/28/2010		SeqNo: 2775030			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	19.5	0.419	0.2056	7.137	5992	36	135	17.07	13.1	49.7	S
Acenaphthylene	2.21	0.419	0.2056	1.056	560.1	17.2	167	2.118	4.15	33.3	S
Anthracene	10.5	0.419	0.2056	4.091	3130	39.3	124	9.275	12.7	51.1	S
Benzo(a)anthracene	7.48	0.419	0.2056	3.517	1928	10	183	6.588	12.7	40.6	S
Benzo(a)pyrene	7.28	0.419	0.2056	3.509	1834	10	204	6.559	10.4	56.4	S
Benzo(b)fluoranthene	5.87	0.419	0.2056	2.961	1415	10.6	178	5.259	11.0	49.7	S



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: 10100915-001AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 10/23/2010		RunNo: 141850			
Client ID: P6-D5.5-W (20)MSD		Batch ID: 63912		SW3550B		Analysis Date: 10/28/2010		SeqNo: 2775030			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	3.53	0.419	0.2056	1.867	808.5	10	168	3.214	9.35	36.5	S
Benzo(k)fluoranthene	2.04	0.419	0.2056	0.9213	542.0	27.6	181	1.869	8.55	42.6	S
Bis(2-ethylhexyl)phthalate	ND	8.25	0.2056	0	0	50	150	0	0	60.3	S
Chrysene	7.13	0.419	0.2056	3.509	1760	10	176	6.396	10.8	45.1	S
Dibenzo(a,h)anthracene	0.907	0.419	0.2056	0.4095	242.0	12.2	156	0.8261	9.35	39.9	S
Fluoranthene	15.2	0.419	0.2056	5.139	4874	10	227	10.50	36.3	66.2	S
Fluorene	10.7	0.419	0.2056	4.001	3258	35.2	148	9.741	9.38	65.6	S
Indeno(1,2,3-cd)pyrene	2.69	0.419	0.2056	1.392	630.3	10	164	2.450	9.29	36.5	S
Naphthalene	29.3	0.419	0.2056	7.829	10430	14.7	128	22.53	26.1	39.6	S
Phenanthrene	38.2	0.419	0.2056	14.54	11500	32.8	143	33.51	13.0	35.4	S
Pyrene	21.5	0.419	0.2056	9.283	5951	10	180	18.66	14.2	60.1	S
Surr: 2-Fluorobiphenyl	0.127		0.2056		61.9	10	131		0	40	
Surr: Nitrobenzene-d5	0.107		0.2056		51.9	10	132		0	40	
Surr: p-Terphenyl-d14	0.152		0.2056		73.9	30.6	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCS-G101022-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>					Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771221</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.7	5.0	50.00	0	101.4	0	200				
1,1,1-Trichloroethane	53.8	5.0	50.00	0	107.6	85.6	124				
1,1,2,2-Tetrachloroethane	50.8	5.0	50.00	0	101.6	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	55.8	5.0	50.00	0	111.6	0	200				
1,1,2-Trichloroethane	49.7	5.0	50.00	0	99.3	0	200				
1,1-Dichloro-2-propanone	152	50.0	125.0	0	121.8	0	200				
1,1-Dichloroethane	52.4	5.0	50.00	0	104.8	0	200				
1,1-Dichloroethene	51.3	5.0	50.00	0	102.7	60.1	131				
1,1-Dichloropropene	52.6	5.0	50.00	0	105.2	0	200				
1,2,3-Trichlorobenzene	57.7	5.0	50.00	0	115.5	0	200				
1,2,3-Trichloropropane	51.8	10	50.00	0	103.6	0	200				
1,2,3-Trimethylbenzene	49.5	5.0	50.00	0	98.9	0	200				
1,2,4-Trichlorobenzene	58.1	5.0	50.00	0	116.2	0	200				
1,2,4-Trimethylbenzene	51.0	5.0	50.00	0	102.0	0	200				
1,2-Dibromo-3-chloropropane	52.8	5.0	50.00	0	105.5	0	200				
1,2-Dibromoethane	52.4	5.0	50.00	0	104.7	86.9	119				
1,2-Dichlorobenzene	50.3	5.0	50.00	0	100.7	88	119				
1,2-Dichloroethane	53.8	5.0	50.00	0	107.7	73	117				
1,2-Dichloropropane	52.0	5.0	50.00	0	104.0	0	200				
1,3,5-Trimethylbenzene	50.3	5.0	50.00	0	100.5	0	200				
1,3-Dichlorobenzene	50.4	5.0	50.00	0	100.8	85.8	125				
1,3-Dichloropropane	50.0	5.0	50.00	0	100	0	200				
1,4-Dichlorobenzene	50.5	5.0	50.00	0	101.1	84.5	124				
1-Chlorobutane	48.1	5.0	50.00	0	96.2	0	200				
2,2-Dichloropropane	51.6	5.0	50.00	0	103.2	0	200				
2-Butanone	159	50.0	125.0	0	127.1	45.3	136				
2-Chlorotoluene	49.4	5.0	50.00	0	98.8	0	200				
2-Hexanone	140	50.0	125.0	0	112.0	0	200				
2-Nitropropane	56.3	50.0	50.00	0	112.6	0	200				
4-Chlorotoluene	50.1	5.0	50.00	0	100.2	0	200				
4-Methyl-2-pentanone	138	50.0	125.0	0	110.3	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCS-G101022-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>					Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771221</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	195	50.0	125.0	0	156.2	0	200				
Acrylonitrile	50.2	10	50.00	0	100.3	0	200				
Allyl chloride	53.5	5.0	50.00	0	107.0	0	200				
Benzene	51.2	1.0	50.00	0	102.3	73.9	109				
Bromobenzene	49.5	5.0	50.00	0	99.1	0	200				
Bromochloromethane	52.4	5.0	50.00	0	104.7	0	200				
Bromodichloromethane	53.4	5.0	50.00	0	106.8	91.3	126				
Bromoform	53.0	5.0	50.00	0	106.0	0	200				
Bromomethane	45.0	10	50.00	0	90.1	0	200				
Carbon disulfide	52.8	5.0	50.00	0	105.6	0	200				
Carbon tetrachloride	54.1	5.0	50.00	0	108.2	83.3	127				
Chlorobenzene	49.9	5.0	50.00	0	99.8	85.8	116				
Chloroethane	48.1	10	50.00	0	96.1	0	200				
Chloroform	53.5	5.0	50.00	0	106.9	80	113				
Chloromethane	40.6	10	50.00	0	81.2	0	200				
cis-1,2-Dichloroethene	52.5	5.0	50.00	0	105.0	0	200				
cis-1,3-Dichloropropene	53.4	4.0	50.00	0	106.8	0	200				
Cyclohexanone	298	100	250.0	0	119.3	0	200				
Dibromochloromethane	50.8	5.0	50.00	0	101.6	89.1	119				
Dibromomethane	53.2	5.0	50.00	0	106.3	0	200				
Dichlorodifluoromethane	35.6	10	50.00	0	71.2	0	200				
Ethyl acetate	51.5	50.0	50.00	0	103.0	0	200				
Ethyl ether	53.6	5.0	50.00	0	107.2	0	200				
Ethyl methacrylate	48.4	5.0	50.00	0	96.9	0	200				
Ethylbenzene	49.6	5.0	50.00	0	99.3	84.1	115				
Heptane	52.1	20.0	50.00	0	104.2	0	200				
Hexachlorobutadiene	55.5	5.0	50.00	0	111.1	0	200				
Hexachloroethane	50.0	5.0	50.00	0	99.9	0	200				
Iodomethane	64.4	10	50.00	0	128.8	0	200				
Isopropylbenzene	50.2	5.0	50.00	0	100.5	0	200				
m,p-Xylenes	99.4	5.0	100.0	0	99.4	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
<div style="display: flex; justify-content: space-between; font-size: small;"> <span>Sample ID: <b>LCS-G101022-1</b>    SampType: <b>LCS</b>    Units: <b>µg/Kg</b>    Prep Date: <b>10/22/2010</b>    RunNo: <b>141693</b></span> </div> <div style="display: flex; justify-content: space-between; font-size: small;"> <span>Client ID: <b>ZZZZZZ</b>    Batch ID: <b>63924</b>    <b>SW5035</b>    Analysis Date: <b>10/22/2010</b>    SeqNo: <b>2771221</b></span> </div>											
Methacrylonitrile	51.9	50.0	50.00	0	103.8	0	200				
Methyl Methacrylate	51.2	5.0	50.00	0	102.4	0	200				
Methyl tert-butyl ether	53.6	2.0	50.00	0	107.3	80	128				
Methylacrylate	53.4	10	50.00	0	106.8	0	200				
Methylene chloride	51.7	5.0	50.00	0	103.5	73.9	116				
Naphthalene	57.4	10	50.00	0	114.9	73.1	135				
n-Butylbenzene	53.4	5.0	50.00	0	106.7	0	200				
n-Hexane	52.4	20.0	50.00	0	104.8	0	200				
Nitrobenzene	70	100	50.00	0	140.6	0	200				J
n-Propylbenzene	49.9	5.0	50.00	0	99.7	0	200				
o-Xylene	48.1	5.0	50.00	0	96.1	82	117				
Pentachloroethane	52.7	5.0	50.00	0	105.5	0	200				
p-Isopropyltoluene	50.1	5.0	50.00	0	100.2	0	200				
Propionitrile	56.8	50.0	50.00	0	113.6	0	200				
sec-Butylbenzene	51.2	5.0	50.00	0	102.3	0	200				
Styrene	50.1	5.0	50.00	0	100.2	0	200				
tert-Butylbenzene	49.0	5.0	50.00	0	98.0	0	200				
Tetrachloroethene	49.8	5.0	50.00	0	99.6	74.6	115				
Tetrahydrofuran	53.8	50.0	50.00	0	107.7	0	200				
Toluene	48.8	5.0	50.00	0	97.6	79.1	112				
trans-1,2-Dichloroethene	53.7	5.0	50.00	0	107.4	0	200				
trans-1,3-Dichloropropene	49.7	4.0	50.00	0	99.4	0	200				
Trichloroethene	54.0	5.0	50.00	0	107.9	81	111				
Trichlorofluoromethane	49.1	5.0	50.00	0	98.1	0	200				
Vinyl acetate	54.2	50.0	50.00	0	108.4	0	200				
Vinyl chloride	49.4	2.0	50.00	0	98.8	0	200				
Surr: 1,2-Dichloroethane-d4	51.4		50.00		102.7	72.2	131				
Surr: 4-Bromofluorobenzene	50.2		50.00		100.5	82.1	116				
Surr: Dibromofluoromethane	53.0		50.00		106.0	77.7	120				
Surr: Toluene-d8	48.7		50.00		97.4	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCSD-G101022-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771222</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	48.6	5.0	50.00	0	97.2	0	200	50.68	4.21	20	
1,1,1-Trichloroethane	51.1	5.0	50.00	0	102.2	85.6	124	53.79	5.17	20	
1,1,2,2-Tetrachloroethane	47.5	5.0	50.00	0	94.9	0	200	50.82	6.82	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	52.9	5.0	50.00	0	105.8	0	200	55.82	5.37	20	
1,1,2-Trichloroethane	48.4	5.0	50.00	0	96.7	0	200	49.66	2.63	20	
1,1-Dichloro-2-propanone	137	50.0	125.0	0	109.4	0	200	152.3	10.8	20	
1,1-Dichloroethane	51.2	5.0	50.00	0	102.5	0	200	52.38	2.20	20	
1,1-Dichloroethene	49.2	5.0	50.00	0	98.5	60.1	131	51.33	4.14	20	
1,1-Dichloropropene	51.5	5.0	50.00	0	103.0	0	200	52.62	2.11	20	
1,2,3-Trichlorobenzene	57.4	5.0	50.00	0	114.7	0	200	57.73	0.626	20	
1,2,3-Trichloropropane	49.7	10	50.00	0	99.4	0	200	51.79	4.10	20	
1,2,3-Trimethylbenzene	48.8	5.0	50.00	0	97.5	0	200	49.46	1.45	20	
1,2,4-Trichlorobenzene	56.2	5.0	50.00	0	112.5	0	200	58.09	3.24	20	
1,2,4-Trimethylbenzene	49.2	5.0	50.00	0	98.3	0	200	51.00	3.69	20	
1,2-Dibromo-3-chloropropane	52.9	5.0	50.00	0	105.8	0	200	52.77	0.246	20	
1,2-Dibromoethane	49.9	5.0	50.00	0	99.7	86.9	119	52.36	4.89	20	
1,2-Dichlorobenzene	48.9	5.0	50.00	0	97.9	88	119	50.33	2.80	20	
1,2-Dichloroethane	54.1	5.0	50.00	0	108.1	73	117	53.85	0.408	20	
1,2-Dichloropropane	50.3	5.0	50.00	0	100.6	0	200	52.02	3.32	20	
1,3,5-Trimethylbenzene	47.6	5.0	50.00	0	95.2	0	200	50.27	5.50	20	
1,3-Dichlorobenzene	48.6	5.0	50.00	0	97.1	85.8	125	50.40	3.72	20	
1,3-Dichloropropane	47.8	5.0	50.00	0	95.5	0	200	50.02	4.60	20	
1,4-Dichlorobenzene	49.1	5.0	50.00	0	98.1	84.5	124	50.53	2.95	20	
1-Chlorobutane	44.8	5.0	50.00	0	89.7	0	200	48.10	7.02	20	
2,2-Dichloropropane	50.1	5.0	50.00	0	100.1	0	200	51.62	3.07	20	
2-Butanone	156	50.0	125.0	0	125.1	45.3	136	158.9	1.59	20	
2-Chlorotoluene	47.2	5.0	50.00	0	94.5	0	200	49.39	4.43	20	
2-Hexanone	132	50.0	125.0	0	105.3	0	200	140.0	6.13	20	
2-Nitropropane	55.0	50.0	50.00	0	110.0	0	200	56.31	2.32	20	
4-Chlorotoluene	47.8	5.0	50.00	0	95.5	0	200	50.10	4.76	20	
4-Methyl-2-pentanone	136	50.0	125.0	0	108.9	0	200	137.8	1.20	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCS-D-G101022-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>				Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771222</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Acetone	187	50.0	125.0	0	149.9	0	200	195.3	4.16	20		
Acrylonitrile	50.4	10	50.00	0	100.9	0	200	50.17	0.557	20		
Allyl chloride	51.8	5.0	50.00	0	103.5	0	200	53.49	3.29	20		
Benzene	50.1	1.0	50.00	0	100.3	73.9	109	51.17	2.05	20		
Bromobenzene	47.0	5.0	50.00	0	93.9	0	200	49.53	5.35	20		
Bromochloromethane	51.4	5.0	50.00	0	102.9	0	200	52.37	1.81	20		
Bromodichloromethane	52.3	5.0	50.00	0	104.6	91.3	126	53.40	2.04	20		
Bromoform	52.4	5.0	50.00	0	104.8	0	200	52.99	1.16	20		
Bromomethane	45.7	10	50.00	0	91.4	0	200	45.03	1.46	20		
Carbon disulfide	50.9	5.0	50.00	0	101.8	0	200	52.79	3.67	20		
Carbon tetrachloride	52.5	5.0	50.00	0	105.1	83.3	127	54.12	2.98	20		
Chlorobenzene	49.1	5.0	50.00	0	98.3	85.8	116	49.89	1.51	20		
Chloroethane	48.3	10	50.00	0	96.5	0	200	48.06	0.436	20		
Chloroform	52.0	5.0	50.00	0	103.9	80	113	53.47	2.85	20		
Chloromethane	43.7	10	50.00	0	87.4	0	200	40.62	7.26	20		
cis-1,2-Dichloroethene	50.9	5.0	50.00	0	101.8	0	200	52.48	3.08	20		
cis-1,3-Dichloropropene	51.4	4.0	50.00	0	102.7	0	200	53.38	3.86	20		
Cyclohexanone	356	100	250.0	0	142.3	0	200	298.2	17.6	20		
Dibromochloromethane	48.9	5.0	50.00	0	97.7	89.1	119	50.81	3.91	20		
Dibromomethane	52.8	5.0	50.00	0	105.5	0	200	53.15	0.755	20		
Dichlorodifluoromethane	36.3	10	50.00	0	72.6	0	200	35.58	1.95	20		
Ethyl acetate	50.9	50.0	50.00	0	101.8	0	200	51.49	1.15	20		
Ethyl ether	52.2	5.0	50.00	0	104.4	0	200	53.62	2.66	20		
Ethyl methacrylate	46.3	5.0	50.00	0	92.6	0	200	48.45	4.54	20		
Ethylbenzene	48.9	5.0	50.00	0	97.9	84.1	115	49.64	1.42	20		
Heptane	53.6	20.0	50.00	0	107.2	0	200	52.08	2.84	20		
Hexachlorobutadiene	54.1	5.0	50.00	0	108.2	0	200	55.54	2.65	20		
Hexachloroethane	46.9	5.0	50.00	0	93.9	0	200	49.97	6.27	20		
Iodomethane	65.4	10	50.00	0	130.8	0	200	64.38	1.57	20		
Isopropylbenzene	50.4	5.0	50.00	0	100.7	0	200	50.25	0.199	20		
m,p-Xylenes	99.1	5.0	100.0	0	99.1	79.1	111	99.39	0.322	20		

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCSD-G101022-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771222</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	52.2	50.0	50.00	0	104.5	0	200	51.91	0.653	20	
Methyl Methacrylate	50.6	5.0	50.00	0	101.2	0	200	51.20	1.14	20	
Methyl tert-butyl ether	52.0	2.0	50.00	0	104.1	80	128	53.64	3.03	20	
Methylacrylate	54.1	10	50.00	0	108.3	0	200	53.40	1.36	20	
Methylene chloride	52.2	5.0	50.00	0	104.3	73.9	116	51.74	0.808	20	
Naphthalene	58.3	10	50.00	0	116.7	73.1	135	57.45	1.54	20	
n-Butylbenzene	52.4	5.0	50.00	0	104.8	0	200	53.36	1.78	20	
n-Hexane	51.9	20.0	50.00	0	103.8	0	200	52.40	0.940	20	
Nitrobenzene	57	100	50.00	0	114.9	0	200	70.29	0	20	J
n-Propylbenzene	47.5	5.0	50.00	0	94.9	0	200	49.87	4.95	20	
o-Xylene	48.2	5.0	50.00	0	96.4	82	117	48.07	0.291	20	
Pentachloroethane	49.4	5.0	50.00	0	98.7	0	200	52.74	6.64	20	
p-Isopropyltoluene	48.3	5.0	50.00	0	96.5	0	200	50.08	3.68	20	
Propionitrile	56.2	50.0	50.00	0	112.4	0	200	56.80	1.03	20	
sec-Butylbenzene	49.5	5.0	50.00	0	99.0	0	200	51.17	3.30	20	
Styrene	50.2	5.0	50.00	0	100.5	0	200	50.10	0.279	20	
tert-Butylbenzene	46.8	5.0	50.00	0	93.7	0	200	48.99	4.49	20	
Tetrachloroethene	47.2	5.0	50.00	0	94.5	74.6	115	49.80	5.28	20	
Tetrahydrofuran	53.4	50.0	50.00	0	106.7	0	200	53.84	0.896	20	
Toluene	47.3	5.0	50.00	0	94.6	79.1	112	48.79	3.10	20	
trans-1,2-Dichloroethene	51.7	5.0	50.00	0	103.4	0	200	53.69	3.80	20	
trans-1,3-Dichloropropene	47.1	4.0	50.00	0	94.2	0	200	49.70	5.35	20	
Trichloroethene	51.6	5.0	50.00	0	103.3	81	111	53.97	4.39	20	
Trichlorofluoromethane	46.8	5.0	50.00	0	93.7	0	200	49.07	4.63	20	
Vinyl acetate	53.2	50.0	50.00	0	106.5	0	200	54.18	1.73	20	
Vinyl chloride	49.0	2.0	50.00	0	98.0	0	200	49.39	0.793	20	
Surr: 1,2-Dichloroethane-d4	51.3		50.00		102.6	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	51.6		50.00		103.1	82.1	116		0	20	
Surr: Dibromofluoromethane	53.2		50.00		106.3	77.7	120		0	20	
Surr: Toluene-d8	48.2		50.00		96.5	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MBLK-G101022-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771253</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MBLK-G101022-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771253</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MBLK-G101022-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/22/2010</b>	RunNo: <b>141693</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63924</b>	<b>SW5035</b>	Analysis Date: <b>10/22/2010</b>	SeqNo: <b>2771253</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	1.7	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	51.4		50.00		102.9	72.2	131				
Surr: 4-Bromofluorobenzene	49.6		50.00		99.2	82.1	116				
Surr: Dibromofluoromethane	52.1		50.00		104.1	77.7	120				
Surr: Toluene-d8	49.3		50.00		98.7	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCSD-G101025-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141713</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>63935</b>	<b>SW5035</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771658</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	46.8	5.0	50.00	0	93.6	0	200	50.42	7.49	20	
1,1,1-Trichloroethane	49.2	5.0	50.00	0	98.5	85.6	124	53.69	8.63	20	
1,1,2,2-Tetrachloroethane	43.6	5.0	50.00	0	87.2	0	200	53.87	21.1	20	R
1,1,2-Trichloro-1,2,2-trifluoroethane	49.1	5.0	50.00	0	98.2	0	200	50.56	2.97	20	
1,1,2-Trichloroethane	44.5	5.0	50.00	0	89.0	0	200	50.34	12.3	20	
1,1-Dichloro-2-propanone	116	50.0	125.0	0	92.8	0	200	165.8	35.4	20	R
1,1-Dichloroethane	47.8	5.0	50.00	0	95.7	0	200	53.29	10.8	20	
1,1-Dichloroethene	45.5	5.0	50.00	0	91.1	60.1	131	48.17	5.61	20	
1,1-Dichloropropene	48.6	5.0	50.00	0	97.3	0	200	51.25	5.21	20	
1,2,3-Trichlorobenzene	49.3	5.0	50.00	0	98.7	0	200	54.02	9.08	20	
1,2,3-Trichloropropane	44.6	10	50.00	0	89.1	0	200	53.63	18.5	20	
1,2,3-Trimethylbenzene	44.0	5.0	50.00	0	87.9	0	200	47.91	8.58	20	
1,2,4-Trichlorobenzene	50.0	5.0	50.00	0	100.1	0	200	50.07	0.0599	20	
1,2,4-Trimethylbenzene	45.5	5.0	50.00	0	91.0	0	200	48.20	5.74	20	
1,2-Dibromo-3-chloropropane	42.9	5.0	50.00	0	85.8	0	200	54.16	23.2	20	R
1,2-Dibromoethane	45.4	5.0	50.00	0	90.9	86.9	119	51.13	11.8	20	
1,2-Dichlorobenzene	44.8	5.0	50.00	0	89.5	88	119	48.88	8.80	20	
1,2-Dichloroethane	49.5	5.0	50.00	0	99.1	73	117	55.85	12.0	20	
1,2-Dichloropropane	46.9	5.0	50.00	0	93.9	0	200	53.32	12.7	20	
1,3,5-Trimethylbenzene	45.2	5.0	50.00	0	90.3	0	200	48.52	7.15	20	
1,3-Dichlorobenzene	45.0	5.0	50.00	0	89.9	85.8	125	46.18	2.65	20	
1,3-Dichloropropane	44.6	5.0	50.00	0	89.3	0	200	50.43	12.2	20	
1,4-Dichlorobenzene	45.4	5.0	50.00	0	90.8	84.5	124	46.51	2.42	20	
1-Chlorobutane	43.8	5.0	50.00	0	87.6	0	200	48.31	9.82	20	
2,2-Dichloropropane	48.0	5.0	50.00	0	96.0	0	200	50.37	4.82	20	
2-Butanone	136	50.0	125.0	0	108.4	45.3	136	130.4	3.84	20	
2-Chlorotoluene	44.5	5.0	50.00	0	89.0	0	200	47.38	6.31	20	
2-Hexanone	118	50.0	125.0	0	94.3	0	200	127.9	8.14	20	
2-Nitropropane	48	50.0	50.00	0	94.9	0	200	54.74	0	20	J
4-Chlorotoluene	44.8	5.0	50.00	0	89.5	0	200	47.12	5.11	20	
4-Methyl-2-pentanone	117	50.0	125.0	0	93.8	0	200	142.2	19.2	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCS-D-G101025-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/25/2010</b>	RunNo: <b>141713</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63935</b>	<b>SW5035</b>				Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771658</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	172	50.0	125.0	0	137.7	0	200	118.7	36.7	20	R
Acrylonitrile	42.7	10	50.00	0	85.3	0	200	50.48	16.8	20	
Allyl chloride	49.0	5.0	50.00	0	98.0	0	200	55.81	13.0	20	
Benzene	47.3	1.0	50.00	0	94.6	73.9	109	50.80	7.11	20	
Bromobenzene	44.5	5.0	50.00	0	89.0	0	200	48.05	7.63	20	
Bromochloromethane	47.7	5.0	50.00	0	95.5	0	200	55.46	15.0	20	
Bromodichloromethane	49.5	5.0	50.00	0	99.0	91.3	126	54.92	10.4	20	
Bromoform	47.3	5.0	50.00	0	94.6	0	200	53.41	12.1	20	
Bromomethane	38.9	10	50.00	0	77.8	0	200	43.99	12.3	20	
Carbon disulfide	46.6	5.0	50.00	0	93.1	0	200	49.22	5.55	20	
Carbon tetrachloride	50.5	5.0	50.00	0	101.0	83.3	127	53.64	6.03	20	
Chlorobenzene	46.5	5.0	50.00	0	93.0	85.8	116	49.01	5.30	20	
Chloroethane	40.9	10	50.00	0	81.9	0	200	45.01	9.47	20	
Chloroform	49.4	5.0	50.00	0	98.7	80	113	54.05	9.07	20	
Chloromethane	34.0	10	50.00	0	67.9	0	200	36.69	7.76	20	
cis-1,2-Dichloroethene	48.0	5.0	50.00	0	96.0	0	200	51.69	7.38	20	
cis-1,3-Dichloropropene	48.6	4.0	50.00	0	97.2	0	200	52.66	7.98	20	
Cyclohexanone	195	100	250.0	0	78.1	0	200	227.5	15.3	20	
Dibromochloromethane	46.2	5.0	50.00	0	92.4	89.1	119	50.68	9.29	20	
Dibromomethane	47.8	5.0	50.00	0	95.7	0	200	53.87	11.9	20	
Dichlorodifluoromethane	24.7	10	50.00	0	49.3	0	200	26.21	6.09	20	
Ethyl acetate	44	50.0	50.00	0	88.1	0	200	54.83	0	20	J
Ethyl ether	46.9	5.0	50.00	0	93.8	0	200	53.41	13.0	20	
Ethyl methacrylate	42.4	5.0	50.00	0	84.8	0	200	47.92	12.2	20	
Ethylbenzene	46.1	5.0	50.00	0	92.2	84.1	115	48.12	4.33	20	
Heptane	48.1	20.0	50.00	0	96.3	0	200	44.53	7.79	20	
Hexachlorobutadiene	48.6	5.0	50.00	0	97.2	0	200	49.19	1.23	20	
Hexachloroethane	44.2	5.0	50.00	0	88.4	0	200	48.95	10.2	20	
Iodomethane	59.0	10	50.00	0	118.0	0	200	49.51	17.5	20	
Isopropylbenzene	46.3	5.0	50.00	0	92.6	0	200	48.67	5.01	20	
m,p-Xylenes	91.7	5.0	100.0	0	91.7	79.1	111	94.10	2.57	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCSD-G101025-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>10/25/2010</b>	RunNo: <b>141713</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63935</b>	<b>SW5035</b>				Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771658</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	45	50.0	50.00	0	90.6	0	200	53.68	0	20	J
Methyl Methacrylate	44.4	5.0	50.00	0	88.8	0	200	50.22	12.3	20	
Methyl tert-butyl ether	47.5	2.0	50.00	0	95.0	80	128	53.08	11.1	20	
Methylacrylate	45.9	10	50.00	0	91.8	0	200	53.22	14.8	20	
Methylene chloride	45.0	5.0	50.00	0	90.0	73.9	116	49.96	10.5	20	
Naphthalene	47.3	10	50.00	0	94.5	73.1	135	55.84	16.6	20	
n-Butylbenzene	47.2	5.0	50.00	0	94.3	0	200	47.00	0.340	20	
n-Hexane	47.0	20.0	50.00	0	93.9	0	200	46.69	0.555	20	
Nitrobenzene	47	100	50.00	0	93.6	0	200	56.07	0	20	J
n-Propylbenzene	44.7	5.0	50.00	0	89.5	0	200	47.16	5.29	20	
o-Xylene	44.0	5.0	50.00	0	88.0	82	117	47.10	6.76	20	
Pentachloroethane	47.3	5.0	50.00	0	94.6	0	200	53.05	11.5	20	
p-Isopropyltoluene	45.1	5.0	50.00	0	90.2	0	200	48.24	6.71	20	
Propionitrile	46	50.0	50.00	0	91.8	0	200	54.18	0	20	J
sec-Butylbenzene	45.9	5.0	50.00	0	91.8	0	200	48.33	5.20	20	
Styrene	46.0	5.0	50.00	0	92.0	0	200	48.05	4.32	20	
tert-Butylbenzene	44.2	5.0	50.00	0	88.5	0	200	48.20	8.55	20	
Tetrachloroethene	45.4	5.0	50.00	0	90.7	74.6	115	45.38	0.0220	20	
Tetrahydrofuran	46	50.0	50.00	0	92.2	0	200	52.34	0	20	J
Toluene	44.6	5.0	50.00	0	89.2	79.1	112	47.25	5.77	20	
trans-1,2-Dichloroethene	48.7	5.0	50.00	0	97.3	0	200	53.62	9.68	20	
trans-1,3-Dichloropropene	44.8	4.0	50.00	0	89.7	0	200	49.43	9.76	20	
Trichloroethene	49.4	5.0	50.00	0	98.9	81	111	50.37	1.88	20	
Trichlorofluoromethane	43.3	5.0	50.00	0	86.7	0	200	46.36	6.73	20	
Vinyl acetate	48	50.0	50.00	0	95.2	0	200	53.89	0	20	J
Vinyl chloride	42.6	2.0	50.00	0	85.2	0	200	44.89	5.23	20	
Surr: 1,2-Dichloroethane-d4	48.9		50.00		97.9	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	51.3		50.00		102.5	82.1	116		0	20	
Surr: Dibromofluoromethane	51.5		50.00		102.9	77.7	120		0	20	
Surr: Toluene-d8	49.0		50.00		98.0	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MBLK-G101025-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141713</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63935</b>	<b>SW5035</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771660</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MBLK-G101025-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141713</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63935</b>	<b>SW5035</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771660</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>MBLK-G101025-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>10/25/2010</b>	RunNo: <b>141713</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63935</b>	<b>SW5035</b>	Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771660</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	50.5		50.00		101.0	72.2	131				
Surr: 4-Bromofluorobenzene	50.9		50.00		101.8	82.1	116				
Surr: Dibromofluoromethane	51.9		50.00		103.7	77.7	120				
Surr: Toluene-d8	48.7		50.00		97.4	86	116				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCS-G101025-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/25/2010</b>	RunNo: <b>141713</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63935</b>	<b>SW5035</b>					Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771761</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.4	5.0	50.00	0	100.8	0	200				
1,1,1-Trichloroethane	53.7	5.0	50.00	0	107.4	85.6	124				
1,1,2,2-Tetrachloroethane	53.9	5.0	50.00	0	107.7	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	50.6	5.0	50.00	0	101.1	0	200				
1,1,2-Trichloroethane	50.3	5.0	50.00	0	100.7	0	200				
1,1-Dichloro-2-propanone	166	50.0	125.0	0	132.7	0	200				
1,1-Dichloroethane	53.3	5.0	50.00	0	106.6	0	200				
1,1-Dichloroethene	48.2	5.0	50.00	0	96.3	60.1	131				
1,1-Dichloropropene	51.2	5.0	50.00	0	102.5	0	200				
1,2,3-Trichlorobenzene	54.0	5.0	50.00	0	108.0	0	200				
1,2,3-Trichloropropane	53.6	10	50.00	0	107.3	0	200				
1,2,3-Trimethylbenzene	47.9	5.0	50.00	0	95.8	0	200				
1,2,4-Trichlorobenzene	50.1	5.0	50.00	0	100.1	0	200				
1,2,4-Trimethylbenzene	48.2	5.0	50.00	0	96.4	0	200				
1,2-Dibromo-3-chloropropane	54.2	5.0	50.00	0	108.3	0	200				
1,2-Dibromoethane	51.1	5.0	50.00	0	102.3	86.9	119				
1,2-Dichlorobenzene	48.9	5.0	50.00	0	97.8	88	119				
1,2-Dichloroethane	55.8	5.0	50.00	0	111.7	73	117				
1,2-Dichloropropane	53.3	5.0	50.00	0	106.6	0	200				
1,3,5-Trimethylbenzene	48.5	5.0	50.00	0	97.0	0	200				
1,3-Dichlorobenzene	46.2	5.0	50.00	0	92.4	85.8	125				
1,3-Dichloropropane	50.4	5.0	50.00	0	100.9	0	200				
1,4-Dichlorobenzene	46.5	5.0	50.00	0	93.0	84.5	124				
1-Chlorobutane	48.3	5.0	50.00	0	96.6	0	200				
2,2-Dichloropropane	50.4	5.0	50.00	0	100.7	0	200				
2-Butanone	130	50.0	125.0	0	104.4	45.3	136				
2-Chlorotoluene	47.4	5.0	50.00	0	94.8	0	200				
2-Hexanone	128	50.0	125.0	0	102.3	0	200				
2-Nitropropane	54.7	50.0	50.00	0	109.5	0	200				
4-Chlorotoluene	47.1	5.0	50.00	0	94.2	0	200				
4-Methyl-2-pentanone	142	50.0	125.0	0	113.7	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCS-G101025-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/25/2010</b>	RunNo: <b>141713</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63935</b>	<b>SW5035</b>					Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771761</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	119	50.0	125.0	0	95.0	0	200				
Acrylonitrile	50.5	10	50.00	0	101.0	0	200				
Allyl chloride	55.8	5.0	50.00	0	111.6	0	200				
Benzene	50.8	1.0	50.00	0	101.6	73.9	109				
Bromobenzene	48.0	5.0	50.00	0	96.1	0	200				
Bromochloromethane	55.5	5.0	50.00	0	110.9	0	200				
Bromodichloromethane	54.9	5.0	50.00	0	109.8	91.3	126				
Bromoform	53.4	5.0	50.00	0	106.8	0	200				
Bromomethane	44.0	10	50.00	0	88.0	0	200				
Carbon disulfide	49.2	5.0	50.00	0	98.4	0	200				
Carbon tetrachloride	53.6	5.0	50.00	0	107.3	83.3	127				
Chlorobenzene	49.0	5.0	50.00	0	98.0	85.8	116				
Chloroethane	45.0	10	50.00	0	90.0	0	200				
Chloroform	54.0	5.0	50.00	0	108.1	80	113				
Chloromethane	36.7	10	50.00	0	73.4	0	200				
cis-1,2-Dichloroethene	51.7	5.0	50.00	0	103.4	0	200				
cis-1,3-Dichloropropene	52.7	4.0	50.00	0	105.3	0	200				
Cyclohexanone	227	100	250.0	0	91.0	0	200				
Dibromochloromethane	50.7	5.0	50.00	0	101.4	89.1	119				
Dibromomethane	53.9	5.0	50.00	0	107.7	0	200				
Dichlorodifluoromethane	26.2	10	50.00	0	52.4	0	200				
Ethyl acetate	54.8	50.0	50.00	0	109.7	0	200				
Ethyl ether	53.4	5.0	50.00	0	106.8	0	200				
Ethyl methacrylate	47.9	5.0	50.00	0	95.8	0	200				
Ethylbenzene	48.1	5.0	50.00	0	96.2	84.1	115				
Heptane	44.5	20.0	50.00	0	89.1	0	200				
Hexachlorobutadiene	49.2	5.0	50.00	0	98.4	0	200				
Hexachloroethane	49.0	5.0	50.00	0	97.9	0	200				
Iodomethane	49.5	10	50.00	0	99.0	0	200				
Isopropylbenzene	48.7	5.0	50.00	0	97.3	0	200				
m,p-Xylenes	94.1	5.0	100.0	0	94.1	79.1	111				

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

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

TestCode: V\_8260S\_S

Lab Order: 10100915

Report Date: 18-Nov-10

Sample ID: <b>LCS-G101025-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>10/25/2010</b>	RunNo: <b>141713</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>63935</b>	<b>SW5035</b>					Analysis Date: <b>10/25/2010</b>	SeqNo: <b>2771761</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	53.7	50.0	50.00	0	107.4	0	200				
Methyl Methacrylate	50.2	5.0	50.00	0	100.4	0	200				
Methyl tert-butyl ether	53.1	2.0	50.00	0	106.2	80	128				
Methylacrylate	53.2	10	50.00	0	106.4	0	200				
Methylene chloride	50.0	5.0	50.00	0	99.9	73.9	116				
Naphthalene	55.8	10	50.00	0	111.7	73.1	135				
n-Butylbenzene	47.0	5.0	50.00	0	94.0	0	200				
n-Hexane	46.7	20.0	50.00	0	93.4	0	200				
Nitrobenzene	56	100	50.00	0	112.1	0	200				J
n-Propylbenzene	47.2	5.0	50.00	0	94.3	0	200				
o-Xylene	47.1	5.0	50.00	0	94.2	82	117				
Pentachloroethane	53.0	5.0	50.00	0	106.1	0	200				
p-Isopropyltoluene	48.2	5.0	50.00	0	96.5	0	200				
Propionitrile	54.2	50.0	50.00	0	108.4	0	200				
sec-Butylbenzene	48.3	5.0	50.00	0	96.7	0	200				
Styrene	48.0	5.0	50.00	0	96.1	0	200				
tert-Butylbenzene	48.2	5.0	50.00	0	96.4	0	200				
Tetrachloroethene	45.4	5.0	50.00	0	90.8	74.6	115				
Tetrahydrofuran	52.3	50.0	50.00	0	104.7	0	200				
Toluene	47.2	5.0	50.00	0	94.5	79.1	112				
trans-1,2-Dichloroethene	53.6	5.0	50.00	0	107.2	0	200				
trans-1,3-Dichloropropene	49.4	4.0	50.00	0	98.9	0	200				
Trichloroethene	50.4	5.0	50.00	0	100.7	81	111				
Trichlorofluoromethane	46.4	5.0	50.00	0	92.7	0	200				
Vinyl acetate	53.9	50.0	50.00	0	107.8	0	200				
Vinyl chloride	44.9	2.0	50.00	0	89.8	0	200				
Surr: 1,2-Dichloroethane-d4	51.5		50.00		103.1	72.2	131				
Surr: 4-Bromofluorobenzene	50.1		50.00		100.3	82.1	116				
Surr: Dibromofluoromethane	52.6		50.00		105.2	77.7	120				
Surr: Toluene-d8	49.1		50.00		98.2	86	116				

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10100915

**Report Date:** 18-Nov-10

Carrier: Kelly Klostermann

Received By: DB

Completed by:



On:

22-Oct-10

Dawn Brantley

Reviewed by:



On:

22-Oct-10

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 5.8
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<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 - 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

10100915

COC Serial No. **B** 09950

Project Name: Ameren Campaign Project Mgr.: P. Szazama  
 Project Number: 624-0908-0120 Cost Code: 5002  
 Sampler(s): J. Crompton  
 Laboratory Name: Teklab  
 Location: Collinsville

Total Number of Containers: \_\_\_\_\_  
 Analyses by Method Name and Number

VOLs 8260	X								
VOLs 8270	X								
VOLs 8270	X								
SVOCs 8270	X								
PCRA Metals	X								
Total + Amoxicillin	X								
PCBs	X								
Herbicides	X								
Pesticides	X								

Sample Number and (depth)	Date	Time	Soil	Water	Air	Wipes	Other *
P6-D.S.S-W (20)	10/20/10	1325	X				
P6-DES.S-W (3)	"	1334	X				
P6-DES.S-W (8)	"	1348	X				
P6-DES.S-W (20)	10/21/10	0915	X				
P6-ES.S-W (3)	"	0927	X				
P6-ES.S-W (8)	"	0940	X				
P6-ES.S-W (20)	"	1435	X				

Comments (Field PID)	Lab ID #'s
	10100915-001
	002
	003
	004
	005
	006
	007

Laboratory Temperature upon Receipt  
5.8°C  
ICL

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

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

**Lab Directives:**

Requested TAT:  Rush  5 Days  STD  Other \_\_\_\_\_  
 Fax and/or Mail Results to: P. Szazama and L. Hoisier

Send Invoice to: \_\_\_\_\_  
 QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other \_\_\_\_\_  
 Special Guidelines: \_\_\_\_\_  
 Reporting Limits: \_\_\_\_\_  
 \* Special: \_\_\_\_\_

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

**Relinquished by:** Signature: \_\_\_\_\_ Date: 10/21/10 Time: 1600  
 Signature: Kelly Klotzmann Date: 10/21/10 Time: 1730  
 Signature: \_\_\_\_\_ Date: 10/22/10 Time: 0815

**Received by:** Signature: \_\_\_\_\_ Date: 10/21/10 Time: 1600  
 Signature: Kelly Klotzmann Date: 10/21/10 Time: 1730  
 Signature: \_\_\_\_\_ Date: 10/21/10 Time: 0815

Distribution: WHITE to Lab CANARY to PM PINK to QA/QC  
 PE-179 (6/03)

Shaded Areas to be Completed by Lab

November 03, 2010

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



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

**WorkOrder:** 10100915

Dear Pete Sazama:

TEKLAB, INC received 7 samples on 10/22/2010 8:15:00 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,

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## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10100915

**Report Date:** 03-Nov-10

**Cooler Receipt Temp:** 5.8 °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

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-001  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-D5.5-W (20)  
**Collection Date:** 10/20/2010 1:25:00 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		19.3	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		80.7	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.64	mg/Kg-dry	1	10/27/2010 1:58:53 PM	JMW
Barium	NELAP	0.50		65.0	mg/Kg-dry	1	10/27/2010 1:58:53 PM	JMW
Cadmium	NELAP	0.20		0.28	mg/Kg-dry	1	10/27/2010 1:58:53 PM	JMW
Chromium	NELAP	1.00		21.3	mg/Kg-dry	1	10/26/2010 6:07:52 PM	JMW
Lead	NELAP	4.00		27.7	mg/Kg-dry	1	10/27/2010 1:58:53 PM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	10/26/2010 6:07:52 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	10/26/2010 9:33:46 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.418	S	7.14	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Acenaphthylene	NELAP	0.418	S	1.06	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Anthracene	NELAP	0.418	S	4.09	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Benzo(a)anthracene	NELAP	0.418	S	3.52	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Benzo(a)pyrene	NELAP	0.418	S	3.51	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.418	S	2.96	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.418	S	1.87	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.418	S	0.921	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	8.23	S	ND	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Chrysene	NELAP	0.418	S	3.51	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.418	JS	0.41	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Fluoranthene	NELAP	0.418	S	5.14	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Fluorene	NELAP	0.418	S	4.00	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.418	S	1.39	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Naphthalene	NELAP	0.418	S	7.83	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Phenanthrene	NELAP	0.418	S	14.5	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Pyrene	NELAP	0.418	S	9.28	mg/Kg-dry	100	10/28/2010 7:17:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		73.9	%REC	100	10/28/2010 7:17:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		61.9	%REC	100	10/28/2010 7:17:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		81.8	%REC	100	10/28/2010 7:17:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
1,2-Dichlorobenzene	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
1,3-Dichlorobenzene	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
1,4-Dichlorobenzene	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

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**Lab ID:** 10100915-001  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-D5.5-W (20)  
**Collection Date:** 10/20/2010 1:25:00 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	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2,4-Dichlorophenol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2,4-Dimethylphenol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2,4-Dinitrophenol	NELAP	12.3		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2,4-Dinitrotoluene	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2,6-Dinitrotoluene	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2-Chloronaphthalene	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2-Chlorophenol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2-Methoxy-4-methylphenol		8.02		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2-Methylnaphthalene	NELAP	4.32	J	4.0	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2-Nitroaniline	NELAP	12.3		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
2-Nitrophenol	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
3-Nitroaniline	NELAP	12.3		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	12.3		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4-Chloroaniline	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4-Nitroaniline	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
4-Nitrophenol	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Aniline	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Azobenzene		4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Benzidine	NELAP	13.0		See note	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Benzoic acid	NELAP	18.5		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Benzyl alcohol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Butyl benzyl phthalate	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Carbazole		6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Dibenzofuran	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Diethyl phthalate	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Dimethyl phthalate	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Di-n-butyl phthalate	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Di-n-octyl phthalate	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Hexachlorobenzene	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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**WorkOrder:** 10100915  
**Lab ID:** 10100915-001  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-D5.5-W (20)  
**Collection Date:** 10/20/2010 1:25:00 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	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Hexachloroethane	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Isophorone	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
m,p-Cresol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Nitrobenzene	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
N-Nitrosodimethylamine	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
o-Cresol	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Pentachlorophenol	NELAP	24.7	S	ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Phenol	NELAP	4.32		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Pyridine	NELAP	6.17		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
1,2-Diphenylhydrazine		10.4		ND	mg/Kg-dry	5	10/29/2010 2:10:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		52.2	%REC	5	10/29/2010 2:10:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		58.1	%REC	5	10/29/2010 2:10:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		67.1	%REC	5	10/29/2010 2:10:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.4	%REC	5	10/29/2010 2:10:00 AM	DMH
Surr: Phenol-d5		34.9-110		71.1	%REC	5	10/29/2010 2:10:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		61.1	%REC	5	10/29/2010 2:10:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1-Dichloro-2-propanone		49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1-Dichloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1-Dichloroethene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,1-Dichloropropene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2,3-Trichloropropane	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2,3-Trimethylbenzene		4900	J	1000	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2-Dibromoethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE

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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	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,2-Dichloropropane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,3-Dichloropropane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
1-Chlorobutane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
2,2-Dichloropropane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
2-Butanone	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
2-Chlorotoluene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
2-Hexanone	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
2-Nitropropane	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
4-Chlorotoluene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
4-Methyl-2-pentanone	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Acetone	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Acrolein	NELAP	98000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Acrylonitrile	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Allyl chloride	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Benzene	NELAP	980		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Bromobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Bromochloromethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Bromodichloromethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Bromoform	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Bromomethane	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Carbon disulfide	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Carbon tetrachloride	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Chlorobenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Chloroethane	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Chloroform	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Chloromethane	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3920		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Cyclohexanone		98000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Dibromochloromethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Dibromomethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Dichlorodifluoromethane	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Ethyl acetate	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Ethyl ether	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 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:** 10100915  
**Lab ID:** 10100915-001  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-D5.5-W (20)  
**Collection Date:** 10/20/2010 1:25:00 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	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Ethylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Heptane		19600		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Hexachlorobutadiene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Hexachloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Iodomethane	NELAP	9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Isopropylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
m,p-Xylenes	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Methacrylonitrile	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Methyl Methacrylate	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Methyl tert-butyl ether	NELAP	1960		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Methylacrylate		9800		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Methylene chloride	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Naphthalene	NELAP	9800		78600	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
n-Butylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
n-Hexane		19600		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Nitrobenzene	NELAP	98000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
n-Propylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
o-Xylene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Pentachloroethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
p-Isopropyltoluene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Propionitrile	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
sec-Butylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Styrene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
tert-Butylbenzene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Tetrachloroethene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Tetrahydrofuran	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Toluene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3920		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Trichloroethene	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Trichlorofluoromethane	NELAP	4900		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Vinyl acetate	NELAP	49000		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Vinyl chloride	NELAP	1960		ND	µg/Kg-dry	500	10/22/2010 4:04:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		103.3	%REC	500	10/22/2010 4:04:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		96.1	%REC	500	10/22/2010 4:04:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		103.2	%REC	500	10/22/2010 4:04:00 PM	RWE
Surr: Toluene-d8		86-116		100.2	%REC	500	10/22/2010 4:04:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-001  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-D5.5-W (20)  
**Collection Date:** 10/20/2010 1:25:00 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>0.027</b>	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.619	J	<b>0.37</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.61	J	<b>0.37</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

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

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

Matrix interference present in sample.

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 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.

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10100915

**Lab ID:** 10100915-002

**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch

**Client Sample ID:** P6-DE5.5-W (3)

**Collection Date:** 10/20/2010 1:34:00 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		20.5	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		79.5	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		9.34	mg/Kg-dry	1	10/27/2010 2:04:30 PM	JMW
Barium	NELAP	0.49		116	mg/Kg-dry	1	10/27/2010 2:04:30 PM	JMW
Cadmium	NELAP	0.20		0.54	mg/Kg-dry	1	10/27/2010 2:04:30 PM	JMW
Chromium	NELAP	0.98		24.6	mg/Kg-dry	1	10/26/2010 6:13:27 PM	JMW
Lead	NELAP	3.92		18.7	mg/Kg-dry	1	10/27/2010 2:04:30 PM	JMW
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	10/26/2010 6:13:27 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	10/26/2010 9:43:52 AM	MEK
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>								
4,4'-DDD	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
4,4'-DDE	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
4,4'-DDT	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Alachlor	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Aldrin	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
alpha-BHC	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
alpha-Chlordane	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
beta-BHC	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Chlordane	NELAP	8.37		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
delta-BHC	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Dieldrin	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Endosulfan I	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Endosulfan II	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Endosulfan sulfate	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Endrin	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Endrin aldehyde	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Endrin ketone	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
gamma-BHC	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
gamma-Chlordane	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Heptachlor	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Heptachlor epoxide	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Methoxychlor	NELAP	4.18		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Toxaphene	NELAP	75.1		ND	µg/Kg-dry	1	10/27/2010 6:05:00 PM	MAV
Surr: Decachlorobiphenyl		48-149		121.6	%REC	1	10/27/2010 6:05:00 PM	MAV
Surr: Tetrachloro-m-xylene		19-145		78.6	%REC	1	10/27/2010 6:05:00 PM	MAV

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ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-002  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (3)  
**Collection Date:** 10/20/2010 1:34:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								
Aroclor 1016	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Aroclor 1221	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Aroclor 1232	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Aroclor 1242	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Aroclor 1248	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Aroclor 1254	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Aroclor 1260	NELAP	93.9		ND	µg/Kg-dry	1	10/25/2010 2:15:00 PM	HE
Surr: Decachlorobiphenyl		5-156		131.2	%REC	1	10/25/2010 2:15:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		100.9	%REC	1	10/25/2010 2:15:00 PM	HE
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.109	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.036	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.021	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.030	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.035	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.024	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.010	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.084		ND	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Chrysene	NELAP	0.004		0.023	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Fluoranthene	NELAP	0.004		0.026	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Fluorene	NELAP	0.004		0.013	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.018	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Naphthalene	NELAP	0.004		0.010	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Phenanthrene	NELAP	0.004		0.010	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Pyrene	NELAP	0.004		0.049	mg/Kg-dry	1	10/28/2010 9:09:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		45.7	%REC	1	10/28/2010 9:09:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		52.2	%REC	1	10/28/2010 9:09:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		65.8	%REC	1	10/28/2010 9:09:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-DE5.5-W (3)

**Lab ID:** 10100915-002

**Collection Date:** 10/20/2010 1:34:00 PM

**Report Date:** 03-Nov-10

**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-Dimethylphenol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.25		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2-Chloronaphthalene	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2-Chlorophenol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2-Methoxy-4-methylphenol		0.811		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2-Methylnaphthalene	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2-Nitroaniline	NELAP	1.25		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
2-Nitrophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
3-Nitroaniline	NELAP	1.25		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.25		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4-Chloroaniline	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4-Nitroaniline	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
4-Nitrophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Aniline	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Azobenzene		0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Benzidine	NELAP	1.32		see note	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Benzoic acid	NELAP	1.87		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Benzyl alcohol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Carbazole		0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Dibenzofuran	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Diethyl phthalate	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Dimethyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Hexachlorobenzene	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Hexachlorobutadiene	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Hexachloroethane	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 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:** 10100915  
**Lab ID:** 10100915-002  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (3)  
**Collection Date:** 10/20/2010 1:34:00 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>								
Isophorone	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
m,p-Cresol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Nitrobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
o-Cresol	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Pentachlorophenol	NELAP	2.50		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Phenol	NELAP	0.437		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Pyridine	NELAP	0.624		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
1,2-Diphenylhydrazine		1.05		ND	mg/Kg-dry	1	10/28/2010 10:58:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		56.9	%REC	1	10/28/2010 10:58:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		59.7	%REC	1	10/28/2010 10:58:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		68.5	%REC	1	10/28/2010 10:58:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		69.0	%REC	1	10/28/2010 10:58:00 PM	DMH
Surr: Phenol-d5		34.9-110		71.2	%REC	1	10/28/2010 10:58:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		71.3	%REC	1	10/28/2010 10:58:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1-Dichloro-2-propanone		43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,1-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2,3-Trichloropropane	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2,3-Trimethylbenzene		4.4	J	0.9	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2-Dibromoethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-002  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (3)  
**Collection Date:** 10/20/2010 1:34:00 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>								
1,3-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,3-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
1-Chlorobutane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
2,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
2-Butanone	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
2-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
2-Hexanone	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
2-Nitropropane	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
4-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
4-Methyl-2-pentanone	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Acetone	NELAP	43.7		44.9	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Acrolein	NELAP	87.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Acrylonitrile	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Allyl chloride	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Benzene	NELAP	0.9		2.3	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Bromobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Bromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Bromodichloromethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Bromoform	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Bromomethane	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Carbon disulfide	NELAP	4.4		6.2	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Carbon tetrachloride	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Chlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Chloroethane	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Chloroform	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Chloromethane	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Cyclohexanone		87.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Dibromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Dibromomethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Dichlorodifluoromethane	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Ethyl acetate	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Ethyl ether	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Ethyl methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Ethylbenzene	NELAP	4.4	J	1.6	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Heptane		17.5		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-002  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (3)  
**Collection Date:** 10/20/2010 1:34:00 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>								
Hexachlorobutadiene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Hexachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Iodomethane	NELAP	8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Isopropylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
m,p-Xylenes	NELAP	4.4	J	3.6	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Methacrylonitrile	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Methyl Methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Methyl tert-butyl ether	NELAP	1.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Methylacrylate		8.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Methylene chloride	NELAP	4.4	J	1.6	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Naphthalene	NELAP	8.7		20.9	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
n-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
n-Hexane		17.5		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Nitrobenzene	NELAP	87.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
n-Propylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
o-Xylene	NELAP	4.4	J	1.7	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Pentachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
p-Isopropyltoluene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Propionitrile	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
sec-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Styrene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
tert-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Tetrachloroethene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Tetrahydrofuran	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Toluene	NELAP	4.4	J	3.0	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Trichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Trichlorofluoromethane	NELAP	4.4		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Vinyl acetate	NELAP	43.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Vinyl chloride	NELAP	1.7		ND	µg/Kg-dry	1	10/25/2010 3:09:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		105.7	%REC	1	10/25/2010 3:09:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		96.2	%REC	1	10/25/2010 3:09:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		103.6	%REC	1	10/25/2010 3:09:00 PM	RWE
Surr: Toluene-d8		86-116		101.6	%REC	1	10/25/2010 3:09:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		0.026	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 9012A</u></b>								

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-002  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (3)  
**Collection Date:** 10/20/2010 1:34:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.629		<b>0.776</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.63		<b>0.78</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

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

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

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

LCS/LCSD RPD was outside of QC limit.

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-DE5.5-W (8)

**Lab ID:** 10100915-003

**Collection Date:** 10/20/2010 1:48:00 PM

**Report Date:** 03-Nov-10

**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		15.0	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		85.0	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		5.38	mg/Kg-dry	1	10/27/2010 2:10:21 PM	JMW
Barium	NELAP	0.49		22.1	mg/Kg-dry	1	10/27/2010 2:10:21 PM	JMW
Cadmium	NELAP	0.20	J	0.13	mg/Kg-dry	1	10/27/2010 2:10:21 PM	JMW
Chromium	NELAP	0.98		20.5	mg/Kg-dry	1	10/26/2010 6:19:18 PM	JMW
Lead	NELAP	3.92		12.0	mg/Kg-dry	1	10/27/2010 2:10:21 PM	JMW
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	10/26/2010 6:19:18 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	< 0.577	mg/Kg-dry	1	10/26/2010 9:47:14 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.420	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Acenaphthylene	NELAP	0.004		1.03	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Anthracene	NELAP	0.004		0.190	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.035	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.036	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.031	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.022	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.010	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.079		ND	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Chrysene	NELAP	0.004		0.035	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		0.004	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Fluoranthene	NELAP	0.004		0.077	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Fluorene	NELAP	0.004		0.885	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.014	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Naphthalene	NELAP	0.004		1.00	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Phenanthrene	NELAP	0.004		1.31	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Pyrene	NELAP	0.004		0.128	mg/Kg-dry	1	10/28/2010 9:47:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		49.4	%REC	1	10/28/2010 9:47:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		47.1	%REC	1	10/28/2010 9:47:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		56.0	%REC	1	10/28/2010 9:47:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 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:** 10100915  
**Lab ID:** 10100915-003  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (8)  
**Collection Date:** 10/20/2010 1:48:00 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	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.17		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2-Chloronaphthalene	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2-Chlorophenol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2-Methoxy-4-methylphenol		0.759		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2-Methylnaphthalene	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2-Nitroaniline	NELAP	1.17		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
2-Nitrophenol	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
3-Nitroaniline	NELAP	1.17		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.17		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4-Chloroaniline	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4-Nitroaniline	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
4-Nitrophenol	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Aniline	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Azobenzene		0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Benzidine	NELAP	1.23		See note	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Benzoic acid	NELAP	1.75		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Benzyl alcohol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Carbazole		0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Dibenzofuran	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Diethyl phthalate	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Dimethyl phthalate	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Hexachlorobenzene	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 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

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-DE5.5-W (8)

**Lab ID:** 10100915-003

**Collection Date:** 10/20/2010 1:48:00 PM

**Report Date:** 03-Nov-10

**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	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Hexachloroethane	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Isophorone	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
m,p-Cresol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Nitrobenzene	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
o-Cresol	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Pentachlorophenol	NELAP	2.33		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Phenol	NELAP	0.409		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Pyridine	NELAP	0.584		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
1,2-Diphenylhydrazine		0.981		ND	mg/Kg-dry	1	10/28/2010 11:30:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		63.4	%REC	1	10/28/2010 11:30:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		62.7	%REC	1	10/28/2010 11:30:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		68.4	%REC	1	10/28/2010 11:30:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.8	%REC	1	10/28/2010 11:30:00 PM	DMH
Surr: Phenol-d5		34.9-110		72.2	%REC	1	10/28/2010 11:30:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		63.9	%REC	1	10/28/2010 11:30:00 PM	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	10/27/2010 12:52:00 PM	RWE
1,1,1-Trichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1,2-Trichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1-Dichloro-2-propanone		1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1-Dichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,1-Dichloropropene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2,3-Trichloropropane	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2,3-Trimethylbenzene		120	J	78	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2-Dibromoethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 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:** 10100915  
**Lab ID:** 10100915-003  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (8)  
**Collection Date:** 10/20/2010 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>								
1,2-Dichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,2-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,3-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,3-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1,4-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
1-Chlorobutane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
2,2-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
2-Butanone	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
2-Chlorotoluene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
2-Hexanone	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
2-Nitropropane	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
4-Chlorotoluene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Acetone	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Acrolein	NELAP	2400		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Acrylonitrile	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Allyl chloride	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Benzene	NELAP	24.0		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Bromobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Bromochloromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Bromodichloromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Bromoform	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Bromomethane	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Carbon disulfide	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Carbon tetrachloride	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Chlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Chloroethane	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Chloroform	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Chloromethane	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	96.2		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Cyclohexanone		2400		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Dibromochloromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Dibromomethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Dichlorodifluoromethane	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Ethyl acetate	NELAP	1200	J	350	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Ethyl ether	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-003  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
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**Collection Date:** 10/20/2010 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>								
Ethyl methacrylate	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Ethylbenzene	NELAP	120	J	59	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Heptane		481		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Hexachlorobutadiene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Hexachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Iodomethane	NELAP	240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Isopropylbenzene	NELAP	120	J	36	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
m,p-Xylenes	NELAP	120	J	54	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Methacrylonitrile	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Methyl Methacrylate	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Methyl tert-butyl ether	NELAP	48.1		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Methylacrylate		240		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Methylene chloride	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Naphthalene	NELAP	240		877	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
n-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
n-Hexane		481		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Nitrobenzene	NELAP	2400		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
n-Propylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
o-Xylene	NELAP	120	J	74	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Pentachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
p-Isopropyltoluene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Propionitrile	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
sec-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Styrene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
tert-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Tetrachloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Tetrahydrofuran	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Toluene	NELAP	120	J	27	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	96.2		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Trichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Trichlorofluoromethane	NELAP	120		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Vinyl acetate	NELAP	1200		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Vinyl chloride	NELAP	48.1		ND	µg/Kg-dry	12.5	10/27/2010 12:52:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		92.7	%REC	12.5	10/27/2010 12:52:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		93.7	%REC	12.5	10/27/2010 12:52:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		90.9	%REC	12.5	10/27/2010 12:52:00 PM	RWE
Surr: Toluene-d8		86-116		101.5	%REC	12.5	10/27/2010 12:52:00 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:** 10100915  
**Lab ID:** 10100915-003  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (8)  
**Collection Date:** 10/20/2010 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	0.012	J	<b>0.006</b>	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.589		<b>&lt; 0.589</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.58		<b>&lt; 0.58</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

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

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

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

LCS/LCSD RPD was outside of QC limit for 1,1-Dichloro-2-propanone.

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

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-DE5.5-W (20)

**Lab ID:** 10100915-004

**Collection Date:** 10/21/2010 9:15:00 AM

**Report Date:** 03-Nov-10

**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		11.5	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.5	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		6.42	mg/Kg-dry	1	10/27/2010 2:26:59 PM	JMW
Barium	NELAP	0.47		18.6	mg/Kg-dry	1	10/27/2010 2:26:59 PM	JMW
Cadmium	NELAP	0.19		0.20	mg/Kg-dry	1	10/27/2010 2:26:59 PM	JMW
Chromium	NELAP	0.94		18.0	mg/Kg-dry	1	10/26/2010 6:46:31 PM	JMW
Lead	NELAP	3.77		11.6	mg/Kg-dry	1	10/27/2010 2:26:59 PM	JMW
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	10/26/2010 6:46:31 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	10/26/2010 9:50:36 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.015	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.009	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Anthracene	NELAP	0.004		0.006	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.008	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.008	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.008	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.008	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Chrysene	NELAP	0.004		0.007	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Fluoranthene	NELAP	0.004		0.012	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Fluorene	NELAP	0.004		0.007	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Naphthalene	NELAP	0.004		0.151	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Phenanthrene	NELAP	0.004		0.022	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Pyrene	NELAP	0.004		0.017	mg/Kg-dry	1	10/28/2010 10:25:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		48.5	%REC	1	10/28/2010 10:25:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		46.2	%REC	1	10/28/2010 10:25:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		57.4	%REC	1	10/28/2010 10:25:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 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:** 10100915  
**Lab ID:** 10100915-004  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (20)  
**Collection Date:** 10/21/2010 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	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2-Chloronaphthalene	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2-Chlorophenol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2-Methoxy-4-methylphenol		0.724		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2-Methylnaphthalene	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
2-Nitrophenol	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4-Chloroaniline	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4-Nitroaniline	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
4-Nitrophenol	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Aniline	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Azobenzene		0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Benzidine	NELAP	1.18		See note	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Benzoic acid	NELAP	1.67		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Benzyl alcohol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Carbazole		0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Dibenzofuran	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Diethyl phthalate	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Dimethyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Hexachlorobenzene	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 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:** 10100915  
**Lab ID:** 10100915-004  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (20)  
**Collection Date:** 10/21/2010 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	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Hexachloroethane	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Isophorone	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
m,p-Cresol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Nitrobenzene	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
o-Cresol	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Pentachlorophenol	NELAP	2.23		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Phenol	NELAP	0.390		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Pyridine	NELAP	0.557		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
1,2-Diphenylhydrazine		0.936		ND	mg/Kg-dry	1	10/29/2010 12:02:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		50.1	%REC	1	10/29/2010 12:02:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		59.5	%REC	1	10/29/2010 12:02:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		64.8	%REC	1	10/29/2010 12:02:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.8	%REC	1	10/29/2010 12:02:00 AM	DMH
Surr: Phenol-d5		34.9-110		68.9	%REC	1	10/29/2010 12:02:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		64.9	%REC	1	10/29/2010 12:02:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1,1-Trichloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1,2-Trichloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1-Dichloro-2-propanone		1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1-Dichloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1-Dichloroethene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,1-Dichloropropene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2,3-Trichloropropane	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2,3-Trimethylbenzene		122	J	32	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2-Dibromoethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2-Dichlorobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 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:** 10100915  
**Lab ID:** 10100915-004  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (20)  
**Collection Date:** 10/21/2010 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	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,2-Dichloropropane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,3-Dichlorobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,3-Dichloropropane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1,4-Dichlorobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
1-Chlorobutane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
2,2-Dichloropropane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
2-Butanone	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
2-Chlorotoluene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
2-Hexanone	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
2-Nitropropane	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
4-Chlorotoluene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Acetone	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Acrolein	NELAP	2450		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Acrylonitrile	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Allyl chloride	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Benzene	NELAP	24.5		70.5	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Bromobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Bromochloromethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Bromodichloromethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Bromoform	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Bromomethane	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Carbon disulfide	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Carbon tetrachloride	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Chlorobenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Chloroethane	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Chloroform	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Chloromethane	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	97.9		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Cyclohexanone		2450		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Dibromochloromethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Dibromomethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Dichlorodifluoromethane	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Ethyl acetate	NELAP	1220	J	400	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Ethyl ether	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 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:** 10100915  
**Lab ID:** 10100915-004  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (20)  
**Collection Date:** 10/21/2010 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	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Ethylbenzene	NELAP	122	J	61	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Heptane		490		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Hexachlorobutadiene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Hexachloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Iodomethane	NELAP	245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Isopropylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
m,p-Xylenes	NELAP	122		129	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Methacrylonitrile	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Methyl Methacrylate	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Methyl tert-butyl ether	NELAP	49.0		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Methylacrylate		245		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Methylene chloride	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Naphthalene	NELAP	245		1800	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
n-Butylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
n-Hexane		490		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Nitrobenzene	NELAP	2450		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
n-Propylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
o-Xylene	NELAP	122	J	56	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Pentachloroethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
p-Isopropyltoluene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Propionitrile	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
sec-Butylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Styrene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
tert-Butylbenzene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Tetrachloroethene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Tetrahydrofuran	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Toluene	NELAP	122	J	82	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	97.9		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Trichloroethene	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Trichlorofluoromethane	NELAP	122		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Vinyl acetate	NELAP	1220		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Vinyl chloride	NELAP	49.0		ND	µg/Kg-dry	12.5	10/27/2010 1:22:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		93.8	%REC	12.5	10/27/2010 1:22:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		92.3	%REC	12.5	10/27/2010 1:22:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		90.9	%REC	12.5	10/27/2010 1:22:00 PM	RWE
Surr: Toluene-d8		86-116		104.0	%REC	12.5	10/27/2010 1:22:00 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:** 10100915  
**Lab ID:** 10100915-004  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-DE5.5-W (20)  
**Collection Date:** 10/21/2010 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	J	<b>0.007</b>	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.565		<b>&lt; 0.565</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		<b>&lt; 0.56</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

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

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

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

LCS/LCSD RPD was outside of QC limit for 1,1-Dichloro-2-propanone.

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:** 10100915  
**Lab ID:** 10100915-005  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (3)  
**Collection Date:** 10/21/2010 9:27:00 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		23.0	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		77.0	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.31		4.39	mg/Kg-dry	1	10/27/2010 2:32:34 PM	JMW
Barium	NELAP	0.46		139	mg/Kg-dry	1	10/27/2010 2:32:34 PM	JMW
Cadmium	NELAP	0.19		0.28	mg/Kg-dry	1	10/27/2010 2:32:34 PM	JMW
Chromium	NELAP	0.93		26.7	mg/Kg-dry	1	10/26/2010 6:52:06 PM	JMW
Lead	NELAP	3.70		17.0	mg/Kg-dry	1	10/27/2010 2:32:34 PM	JMW
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	10/26/2010 6:52:06 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.545		< 0.545	mg/Kg-dry	1	10/26/2010 9:53:58 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.091	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.027	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.013	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.015	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.019	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.012	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.006	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.087		ND	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Chrysene	NELAP	0.004		0.011	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Fluoranthene	NELAP	0.004		0.016	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Fluorene	NELAP	0.004		0.006	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.010	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Naphthalene	NELAP	0.004		0.004	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Phenanthrene	NELAP	0.004		0.006	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Pyrene	NELAP	0.004		0.053	mg/Kg-dry	1	10/28/2010 11:03:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		50.1	%REC	1	10/28/2010 11:03:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		53.6	%REC	1	10/28/2010 11:03:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		65.1	%REC	1	10/28/2010 11:03:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 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:** 10100915  
**Lab ID:** 10100915-005  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (3)  
**Collection Date:** 10/21/2010 9:27:00 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	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.29		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2-Chloronaphthalene	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2-Chlorophenol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2-Methoxy-4-methylphenol		0.842		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2-Methylnaphthalene	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2-Nitroaniline	NELAP	1.29		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
2-Nitrophenol	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
3-Nitroaniline	NELAP	1.29		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.29		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4-Chloroaniline	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4-Nitroaniline	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
4-Nitrophenol	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Aniline	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Azobenzene		0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Benzidine	NELAP	1.37		See note	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Benzoic acid	NELAP	1.94		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Benzyl alcohol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Carbazole		0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Dibenzofuran	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Diethyl phthalate	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Dimethyl phthalate	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Hexachlorobenzene	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 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:** 10100915  
**Lab ID:** 10100915-005  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (3)  
**Collection Date:** 10/21/2010 9:27:00 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	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Hexachloroethane	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Isophorone	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
m,p-Cresol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Nitrobenzene	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
o-Cresol	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Pentachlorophenol	NELAP	2.59		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Phenol	NELAP	0.453		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Pyridine	NELAP	0.647		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
1,2-Diphenylhydrazine		1.09		ND	mg/Kg-dry	1	10/29/2010 12:34:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		64.5	%REC	1	10/29/2010 12:34:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		62.0	%REC	1	10/29/2010 12:34:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		70.9	%REC	1	10/29/2010 12:34:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		75.1	%REC	1	10/29/2010 12:34:00 AM	DMH
Surr: Phenol-d5		34.9-110		72.7	%REC	1	10/29/2010 12:34:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		74.6	%REC	1	10/29/2010 12:34:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1-Dichloro-2-propanone		50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,1-Dichloropropene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2,3-Trimethylbenzene		5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2-Dibromoethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 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:** 10100915  
**Lab ID:** 10100915-005  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (3)  
**Collection Date:** 10/21/2010 9:27:00 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	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,3-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
1-Chlorobutane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
2,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
2-Butanone	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
2-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
2-Hexanone	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
2-Nitropropane	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
4-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
4-Methyl-2-pentanone	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Acetone	NELAP	50.0	J	40	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Acrolein	NELAP	100		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Acrylonitrile	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Allyl chloride	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Benzene	NELAP	1.0		1.8	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Bromobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Bromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Bromodichloromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Bromoform	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Bromomethane	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Carbon disulfide	NELAP	5.0		7.9	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Carbon tetrachloride	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Chlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Chloroethane	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Chloroform	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Chloromethane	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Cyclohexanone		100		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Dibromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Dibromomethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Dichlorodifluoromethane	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Ethyl acetate	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Ethyl ether	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 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:** 10100915  
**Lab ID:** 10100915-005  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (3)  
**Collection Date:** 10/21/2010 9:27:00 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	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Ethylbenzene	NELAP	5.0	J	1.2	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Heptane		20.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Hexachlorobutadiene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Hexachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Iodomethane	NELAP	10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Isopropylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
m,p-Xylenes	NELAP	5.0	J	2.9	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Methacrylonitrile	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Methyl Methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Methylacrylate		10		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Methylene chloride	NELAP	5.0	J	2.0	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Naphthalene	NELAP	10	J	6.9	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
n-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
n-Hexane		20.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Nitrobenzene	NELAP	100		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
n-Propylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
o-Xylene	NELAP	5.0	J	1.3	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Pentachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
p-Isopropyltoluene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Propionitrile	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
sec-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Styrene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
tert-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Tetrachloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Tetrahydrofuran	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Toluene	NELAP	5.0	J	2.9	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Trichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Trichlorofluoromethane	NELAP	5.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Vinyl acetate	NELAP	50.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Vinyl chloride	NELAP	2.0		ND	µg/Kg-dry	1	10/25/2010 4:37:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		105.8	%REC	1	10/25/2010 4:37:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.5	%REC	1	10/25/2010 4:37:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		105.3	%REC	1	10/25/2010 4:37:00 PM	RWE
Surr: Toluene-d8		86-116		101.2	%REC	1	10/25/2010 4:37:00 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:** 10100915  
**Lab ID:** 10100915-005  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (3)  
**Collection Date:** 10/21/2010 9:27:00 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>0.037</b>	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.649	J	<b>0.53</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.65		<b>0.98</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

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

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

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

LCS/LCSD RPD was outside of QC limit.

## 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:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-E5.5-W (8)

**Lab ID:** 10100915-006

**Collection Date:** 10/21/2010 9:40:00 AM

**Report Date:** 03-Nov-10

**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		21.1	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		78.9	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		8.03	mg/Kg-dry	1	10/27/2010 2:38:24 PM	JMW
Barium	NELAP	0.48		64.2	mg/Kg-dry	1	10/27/2010 2:38:24 PM	JMW
Cadmium	NELAP	0.19		0.26	mg/Kg-dry	1	10/27/2010 2:38:24 PM	JMW
Chromium	NELAP	0.96		25.4	mg/Kg-dry	1	10/26/2010 7:19:21 PM	JMW
Lead	NELAP	3.85		16.5	mg/Kg-dry	1	10/27/2010 2:38:24 PM	JMW
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	10/26/2010 7:19:21 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.545		< 0.545	mg/Kg-dry	1	10/26/2010 9:57:18 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.442	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.296	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Anthracene	NELAP	0.004		0.020	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.008	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.084		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Chrysene	NELAP	0.004		0.005	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Fluoranthene	NELAP	0.004		0.041	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Fluorene	NELAP	0.004		0.141	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Naphthalene	NELAP	0.004		0.007	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Phenanthrene	NELAP	0.004		0.009	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Pyrene	NELAP	0.004		0.118	mg/Kg-dry	1	10/28/2010 11:41:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		58.0	%REC	1	10/28/2010 11:41:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		54.6	%REC	1	10/28/2010 11:41:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		70.0	%REC	1	10/28/2010 11:41:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 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

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-E5.5-W (8)

**Lab ID:** 10100915-006

**Collection Date:** 10/21/2010 9:40:00 AM

**Report Date:** 03-Nov-10

**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	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.25		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2-Chloronaphthalene	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2-Chlorophenol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2-Methoxy-4-methylphenol		0.811		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2-Methylnaphthalene	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2-Nitroaniline	NELAP	1.25		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
2-Nitrophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
3-Nitroaniline	NELAP	1.25		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.25		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4-Chloroaniline	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4-Nitroaniline	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
4-Nitrophenol	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Aniline	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Azobenzene		0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Benzidine	NELAP	1.32		See note	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Benzoic acid	NELAP	1.87		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Benzyl alcohol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Carbazole		0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Dibenzofuran	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Diethyl phthalate	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Dimethyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Hexachlorobenzene	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 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

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10100915

**Client Sample ID:** P6-E5.5-W (8)

**Lab ID:** 10100915-006

**Collection Date:** 10/21/2010 9:40:00 AM

**Report Date:** 03-Nov-10

**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	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Hexachloroethane	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Isophorone	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
m,p-Cresol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Nitrobenzene	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
o-Cresol	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Pentachlorophenol	NELAP	2.50		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Phenol	NELAP	0.437		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Pyridine	NELAP	0.624		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
1,2-Diphenylhydrazine		1.05		ND	mg/Kg-dry	1	10/29/2010 1:06:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		59.9	%REC	1	10/29/2010 1:06:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		60.4	%REC	1	10/29/2010 1:06:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		66.8	%REC	1	10/29/2010 1:06:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.0	%REC	1	10/29/2010 1:06:00 AM	DMH
Surr: Phenol-d5		34.9-110		71.2	%REC	1	10/29/2010 1:06:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		72.5	%REC	1	10/29/2010 1:06:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1,1-Trichloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1,2-Trichloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1-Dichloro-2-propanone		64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1-Dichloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1-Dichloroethene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,1-Dichloropropene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2,3-Trichloropropane	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2,3-Trimethylbenzene		6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2-Dibromoethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2-Dichlorobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 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:** 10100915  
**Lab ID:** 10100915-006  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (8)  
**Collection Date:** 10/21/2010 9:40:00 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	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,2-Dichloropropane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,3-Dichlorobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,3-Dichloropropane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1,4-Dichlorobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
1-Chlorobutane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
2,2-Dichloropropane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
2-Butanone	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
2-Chlorotoluene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
2-Hexanone	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
2-Nitropropane	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
4-Chlorotoluene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
4-Methyl-2-pentanone	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Acetone	NELAP	64.4		111	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Acrolein	NELAP	129		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Acrylonitrile	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Allyl chloride	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Benzene	NELAP	1.3		4.6	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Bromobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Bromochloromethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Bromodichloromethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Bromoform	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Bromomethane	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Carbon disulfide	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Carbon tetrachloride	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Chlorobenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Chloroethane	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Chloroform	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Chloromethane	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	5.2		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Cyclohexanone		129		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Dibromochloromethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Dibromomethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Dichlorodifluoromethane	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Ethyl acetate	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Ethyl ether	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 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:** 10100915  
**Lab ID:** 10100915-006  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (8)  
**Collection Date:** 10/21/2010 9:40:00 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	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Ethylbenzene	NELAP	6.4	J	2.7	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Heptane		25.8		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Hexachlorobutadiene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Hexachloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Iodomethane	NELAP	12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Isopropylbenzene	NELAP	6.4	J	2.5	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
m,p-Xylenes	NELAP	6.4	J	4.6	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Methacrylonitrile	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Methyl Methacrylate	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.6		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Methylacrylate		12.9		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Methylene chloride	NELAP	6.4	J	3.0	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Naphthalene	NELAP	12.9	J	6.1	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
n-Butylbenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
n-Hexane		25.8	J	3.5	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Nitrobenzene	NELAP	129		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
n-Propylbenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
o-Xylene	NELAP	6.4	J	2.3	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Pentachloroethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
p-Isopropyltoluene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Propionitrile	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
sec-Butylbenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Styrene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
tert-Butylbenzene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Tetrachloroethene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Tetrahydrofuran	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Toluene	NELAP	6.4	J	6.3	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	5.2		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Trichloroethene	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Trichlorofluoromethane	NELAP	6.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Vinyl acetate	NELAP	64.4		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Vinyl chloride	NELAP	2.6		ND	µg/Kg-dry	1	10/25/2010 5:06:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		107.2	%REC	1	10/25/2010 5:06:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		87.9	%REC	1	10/25/2010 5:06:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		106.1	%REC	1	10/25/2010 5:06:00 PM	RWE
Surr: Toluene-d8		86-116		107.7	%REC	1	10/25/2010 5:06:00 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:** 10100915  
**Lab ID:** 10100915-006  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (8)  
**Collection Date:** 10/21/2010 9:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		<b>0.017</b>	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.633		<b>&lt; 0.633</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.63	S	<b>&lt; 0.63</b>	mg/Kg-dry	1	11/2/2010 10:10:10 AM	MVS

### Sample Narrative

SW-846 9012A (Total)

Matrix interference present in sample.

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

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

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

LCS/LCSD RPD was outside of QC limit.

## 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:** 10100915  
**Lab ID:** 10100915-007  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (20)  
**Collection Date:** 10/21/2010 2:35:00 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		10.4	%	1	10/22/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.6	%	1	10/22/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		4.60	mg/Kg-dry	1	10/27/2010 3:07:00 PM	JMW
Barium	NELAP	0.48		14.1	mg/Kg-dry	1	10/27/2010 3:07:00 PM	JMW
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	10/27/2010 3:07:00 PM	JMW
Chromium	NELAP	0.96		17.2	mg/Kg-dry	1	10/26/2010 7:53:16 PM	JMW
Lead	NELAP	3.85		9.55	mg/Kg-dry	1	10/27/2010 3:07:00 PM	JMW
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	10/26/2010 7:53:16 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	10/26/2010 10:07:34 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004	J	0.003	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Acenaphthylene	NELAP	0.004		0.005	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004	J	0.003	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.004	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.073		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Chrysene	NELAP	0.004		0.004	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Fluoranthene	NELAP	0.004	J	0.003	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Fluorene	NELAP	0.004	J	0.003	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Naphthalene	NELAP	0.004		0.162	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Phenanthrene	NELAP	0.004		0.015	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	10/28/2010 12:19:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		53.9	%REC	1	10/28/2010 12:19:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		50.6	%REC	1	10/28/2010 12:19:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		63.0	%REC	1	10/28/2010 12:19:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH

## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-007  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (20)  
**Collection Date:** 10/21/2010 2:35:00 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	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2-Chloronaphthalene	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2-Chlorophenol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2-Methoxy-4-methylphenol		0.722		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2-Methylnaphthalene	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
2-Nitrophenol	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4-Chloroaniline	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4-Nitroaniline	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
4-Nitrophenol	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Aniline	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Azobenzene		0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Benzidine	NELAP	1.17		See note	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Benzoic acid	NELAP	1.67		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Benzyl alcohol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Carbazole		0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Dibenzofuran	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Diethyl phthalate	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Dimethyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Hexachlorobenzene	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH

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## LABORATORY RESULTS

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**Client Sample ID:** P6-E5.5-W (20)  
**Collection Date:** 10/21/2010 2:35:00 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	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Hexachloroethane	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Isophorone	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
m,p-Cresol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Nitrobenzene	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
o-Cresol	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Pentachlorophenol	NELAP	2.22		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Phenol	NELAP	0.389		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Pyridine	NELAP	0.555		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
1,2-Diphenylhydrazine		0.932		ND	mg/Kg-dry	1	10/29/2010 1:38:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		48.7	%REC	1	10/29/2010 1:38:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		61.7	%REC	1	10/29/2010 1:38:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		65.3	%REC	1	10/29/2010 1:38:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		72.2	%REC	1	10/29/2010 1:38:00 AM	DMH
Surr: Phenol-d5		34.9-110		69.6	%REC	1	10/29/2010 1:38:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		67.2	%REC	1	10/29/2010 1:38:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1,1-Trichloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1,2-Trichloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1-Dichloro-2-propanone		1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1-Dichloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1-Dichloroethene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,1-Dichloropropene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2,3-Trichloropropane	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2,3-Trimethylbenzene		117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2-Dibromoethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2-Dichlorobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10100915  
**Lab ID:** 10100915-007  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (20)  
**Collection Date:** 10/21/2010 2:35:00 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	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,2-Dichloropropane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,3-Dichlorobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,3-Dichloropropane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1,4-Dichlorobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
1-Chlorobutane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
2,2-Dichloropropane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
2-Butanone	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
2-Chlorotoluene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
2-Hexanone	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
2-Nitropropane	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
4-Chlorotoluene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Acetone	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Acrolein	NELAP	2340		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Acrylonitrile	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Allyl chloride	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Benzene	NELAP	23.4		1720	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Bromobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Bromochloromethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Bromodichloromethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Bromoform	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Bromomethane	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Carbon disulfide	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Carbon tetrachloride	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Chlorobenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Chloroethane	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Chloroform	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Chloromethane	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	93.7		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Cyclohexanone		2340		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Dibromochloromethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Dibromomethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Dichlorodifluoromethane	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Ethyl acetate	NELAP	1170	J	340	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Ethyl ether	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	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	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Ethylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Heptane		468		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Hexachlorobutadiene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Hexachloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Iodomethane	NELAP	234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Isopropylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
m,p-Xylenes	NELAP	117	J	34	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Methacrylonitrile	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Methyl Methacrylate	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Methyl tert-butyl ether	NELAP	46.8		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Methylacrylate		234		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Methylene chloride	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Naphthalene	NELAP	234		1290	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
n-Butylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
n-Hexane		468		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Nitrobenzene	NELAP	2340		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
n-Propylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
o-Xylene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Pentachloroethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
p-Isopropyltoluene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Propionitrile	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
sec-Butylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Styrene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
tert-Butylbenzene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Tetrachloroethene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Tetrahydrofuran	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Toluene	NELAP	117		313	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	93.7		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Trichloroethene	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Trichlorofluoromethane	NELAP	117		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Vinyl acetate	NELAP	1170		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Vinyl chloride	NELAP	46.8		ND	µg/Kg-dry	12.5	10/27/2010 1:52:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		89.5	%REC	12.5	10/27/2010 1:52:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		92.2	%REC	12.5	10/27/2010 1:52:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		89.3	%REC	12.5	10/27/2010 1:52:00 PM	RWE
Surr: Toluene-d8		86-116		99.2	%REC	12.5	10/27/2010 1:52:00 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:** 10100915  
**Lab ID:** 10100915-007  
**Report Date:** 03-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-E5.5-W (20)  
**Collection Date:** 10/21/2010 2:35:00 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>0.006</b>	mg/Kg-dry	1	10/25/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.558		<b>&lt; 0.558</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.55		<b>&lt; 0.55</b>	mg/Kg-dry	1	10/29/2010 11:56:00 AM	KNS

### Sample Narrative

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

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

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

LCS/LCSD RPD was outside of QC limit for 1,1-Dichloro-2-propanone.

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.

November 22, 2010

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  
6240908012

**WorkOrder:** 10110864

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 11/18/2010 2:00:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. 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 6240908012

**Lab Order:** 10110864

**Report Date:** 22-Nov-10

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
10110864-001	P6-F4-F(19)	5	11/17/2010 8:35:00 AM
10110864-002	P-H4.5-F(19)	5	11/17/2010 12:40:00 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 6240908012

**LabOrder:** 10110864

**Report Date:** 22-Nov-10

**Cooler Receipt Temp:** 2.2 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0 | LA: NELAP #166493

### 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:** 10110864

**Client Sample ID:** P6-F4-F(19)

**Lab ID:** 10110864-001

**Collection Date:** 11/17/2010 8:35:00 AM

**Report Date:** 22-Nov-10

**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	%	1	11/18/2010 4:15:00 PM	RS	
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>									
Total Solids		0.1		90.0	%	1	11/18/2010 4:15:00 PM	RS	
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>									
Arsenic	NELAP	2.40		4.25	mg/Kg-dry	1	11/19/2010 9:57:13 AM	JMW	
Barium	NELAP	0.48		17.9	mg/Kg-dry	1	11/19/2010 9:57:13 AM	JMW	
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	11/19/2010 9:57:13 AM	JMW	
Chromium	NELAP	0.96		15.8	mg/Kg-dry	1	11/19/2010 9:57:13 AM	JMW	
Lead	NELAP	3.85		23.5	mg/Kg-dry	1	11/19/2010 11:54:02 AM	JMW	
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	11/19/2010 9:57:13 AM	JMW	
<b><u>SW-846 3050B, METALS BY GFAA</u></b>									
Selenium	7740	NELAP	0.577	S	< 0.577	mg/Kg-dry	1	11/19/2010 9:52:56 AM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>									
Diesel	NELAP	10.8		21.6	mg/Kg-dry	1	11/19/2010 3:12:00 PM	DMH	
Kerosene	NELAP	10.8		ND	mg/Kg-dry	1	11/19/2010 3:12:00 PM	DMH	
Mineral Spirits	NELAP	10.8		ND	mg/Kg-dry	1	11/19/2010 3:12:00 PM	DMH	
Motor Oil	NELAP	10.8	#	18.2	mg/Kg-dry	1	11/19/2010 3:12:00 PM	DMH	
Surr: n-Tetracontane		50.6-140		102.7	%REC	1	11/19/2010 3:12:00 PM	DMH	
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
Acenaphthene	NELAP	0.004		0.006	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Benzo(a)anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Benzo(g,h,i)perylene	NELAP	0.004		0.008	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Bis(2-ethylhexyl)phthalate	NELAP	0.074		1.24	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Chrysene	NELAP	0.004		0.004	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Fluoranthene	NELAP	0.004		0.004	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Phenanthrene	NELAP	0.004		0.022	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	11/19/2010 10:09:00 AM	DMH	
Surr: 2-Fluorobiphenyl		10-131		60.8	%REC	1	11/19/2010 10:09:00 AM	DMH	
Surr: Nitrobenzene-d5		10-132		75.0	%REC	1	11/19/2010 10:09:00 AM	DMH	

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110864  
**Lab ID:** 10110864-001  
**Report Date:** 22-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F4-F(19)  
**Collection Date:** 11/17/2010 8:35:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: p-Terphenyl-d14		30.6-131		71.2	%REC	1	11/19/2010 10:09:00 AM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.10		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
2-Chloronaphthalene	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
2-Chlorophenol	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
2-Methoxy-4-methylphenol		0.717		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
2-Methylnaphthalene	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
2-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
2-Nitrophenol	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
3-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.10		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
4-Chloroaniline	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
4-Nitroaniline	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
4-Nitrophenol	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Aniline	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Azobenzene		0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Benzidine	NELAP	1.16		see note	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Benzoic acid	NELAP	1.65		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Benzyl alcohol	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Carbazole		0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110864  
**Lab ID:** 10110864-001  
**Report Date:** 22-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F4-F(19)  
**Collection Date:** 11/17/2010 8:35:00 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>								
Dibenzofuran	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Diethyl phthalate	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Dimethyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Hexachlorobenzene	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Hexachlorobutadiene	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Hexachloroethane	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Isophorone	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
m,p-Cresol	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Nitrobenzene	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
o-Cresol	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Pentachlorophenol	NELAP	2.21		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Phenol	NELAP	0.386		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Pyridine	NELAP	0.551		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
1,2-Diphenylhydrazine		0.926		ND	mg/Kg-dry	1	11/19/2010 9:40:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		66.6	%REC	1	11/19/2010 9:40:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		77.8	%REC	1	11/19/2010 9:40:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		64.0	%REC	1	11/19/2010 9:40:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		69.0	%REC	1	11/19/2010 9:40:00 AM	DMH
Surr: Phenol-d5		34.9-110		65.2	%REC	1	11/19/2010 9:40:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		81.3	%REC	1	11/19/2010 9:40:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,1,1-Trichloroethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,1,2-Trichloroethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,1-Dichloro-2-propanone		85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,1-Dichloroethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,1-Dichloroethene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,1-Dichloropropene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,2,3-Trichloropropane	NELAP	171		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110864  
**Lab ID:** 10110864-001  
**Report Date:** 22-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F4-F(19)  
**Collection Date:** 11/17/2010 8:35:00 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>								
1,2,3-Trimethylbenzene		85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,2-Dibromoethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,2-Dichlorobenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,2-Dichloroethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,2-Dichloropropane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,3-Dichlorobenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,3-Dichloropropane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1,4-Dichlorobenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
1-Chlorobutane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
2,2-Dichloropropane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
2-Butanone	NELAP	853		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
2-Chlorotoluene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
2-Hexanone	NELAP	853		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
2-Nitropropane	NELAP	853		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
4-Chlorotoluene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
4-Methyl-2-pentanone	NELAP	853		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Acetone	NELAP	853		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Acetonitrile	NELAP	1710		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Acrolein	NELAP	1710		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Acrylonitrile	NELAP	171		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Allyl chloride	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Benzene	NELAP	17.1		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Bromobenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Bromochloromethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Bromodichloromethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Bromoform	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Bromomethane	NELAP	171		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Carbon disulfide	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Carbon tetrachloride	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Chlorobenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Chloroethane	NELAP	171		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Chloroform	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Chloromethane	NELAP	171		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110864  
**Lab ID:** 10110864-001  
**Report Date:** 22-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F4-F(19)  
**Collection Date:** 11/17/2010 8:35:00 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>								
cis-1,3-Dichloropropene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Cyclohexanone		1710		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Dibromochloromethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Dibromomethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Dichlorodifluoromethane	NELAP	171		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Ethyl acetate	NELAP	853	J	240	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Ethyl ether	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Ethyl methacrylate	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Ethylbenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Gasoline Range Organics (OA-1)		17100		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Heptane		341		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Hexachlorobutadiene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Hexachloroethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Iodomethane	NELAP	171		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Isopropylbenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
m,p-Xylenes	NELAP	85.3	J	30	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Methacrylonitrile	NELAP	853		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Methyl Methacrylate	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Methyl tert-butyl ether	NELAP	34.1		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Methylacrylate		171		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Methylene chloride	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Naphthalene	NELAP	171		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
n-Butylbenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
n-Hexane		341		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Nitrobenzene	NELAP	1710		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
n-Propylbenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
o-Xylene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Pentachloroethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
p-Isopropyltoluene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Propionitrile	NELAP	853		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
sec-Butylbenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Styrene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
tert-Butylbenzene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Tetrachloroethene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Tetrahydrofuran	NELAP	853		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Toluene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110864  
**Lab ID:** 10110864-001  
**Report Date:** 22-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F4-F(19)  
**Collection Date:** 11/17/2010 8:35:00 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>								
trans-1,4-Dichloro-2-butene	NELAP	171		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Trichloroethene	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Trichlorofluoromethane	NELAP	85.3		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Vinyl acetate	NELAP	853		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Vinyl chloride	NELAP	34.1		ND	µg/Kg-dry	12.5	11/19/2010 2:07:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		100.1	%REC	12.5	11/19/2010 2:07:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		99.2	%REC	12.5	11/19/2010 2:07:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.5	%REC	12.5	11/19/2010 2:07:00 PM	RWE
Surr: Toluene-d8		86-116		99.5	%REC	12.5	11/19/2010 2:07:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	11/19/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.555		< 0.555	mg/Kg-dry	1	11/19/2010 9:20:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		< 0.56	mg/Kg-dry	1	11/19/2010 9:20:00 AM	KNS

### 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

Phenol and o-Cresol were outside upper QC limits in the LCS. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

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

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

Elevated reporting limit due to matrix interference.

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110864  
**Lab ID:** 10110864-002  
**Report Date:** 22-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P-H4.5-F(19)  
**Collection Date:** 11/17/2010 12:40:00 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		11.4	%	1	11/18/2010 4:15:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.6	%	1	11/18/2010 4:15:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		3.84	mg/Kg-dry	1	11/19/2010 10:13:57 AM	JMW
Barium	NELAP	0.49		18.6	mg/Kg-dry	1	11/19/2010 10:13:57 AM	JMW
Cadmium	NELAP	0.20	J	0.12	mg/Kg-dry	1	11/19/2010 10:13:57 AM	JMW
Chromium	NELAP	0.98		17.5	mg/Kg-dry	1	11/19/2010 10:13:57 AM	JMW
Lead	NELAP	3.92		24.4	mg/Kg-dry	1	11/19/2010 12:01:02 PM	JMW
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	11/19/2010 10:13:57 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	11/19/2010 10:03:02 AM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	11.0		29.3	mg/Kg-dry	1	11/19/2010 2:55:00 PM	DMH
Kerosene	NELAP	11.0		ND	mg/Kg-dry	1	11/19/2010 2:55:00 PM	DMH
Mineral Spirits	NELAP	11.0		ND	mg/Kg-dry	1	11/19/2010 2:55:00 PM	DMH
Motor Oil	NELAP	11.0	#	26.9	mg/Kg-dry	1	11/19/2010 2:55:00 PM	DMH
Surr: n-Tetracontane		50.6-140		94.7	%REC	1	11/19/2010 2:55:00 PM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Acenaphthylene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Anthracene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Benzo(a)anthracene	NELAP	0.008	J	0.007	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Benzo(a)pyrene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Benzo(b)fluoranthene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Benzo(g,h,i)perylene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Benzo(k)fluoranthene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.150		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Chrysene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Dibenzo(a,h)anthracene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Fluoranthene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Fluorene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Naphthalene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Phenanthrene	NELAP	0.008		0.016	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Pyrene	NELAP	0.008		ND	mg/Kg-dry	1	11/19/2010 10:45:00 AM	DMH
Surr: 2-Fluorobiphenyl		10-131		63.7	%REC	1	11/19/2010 10:45:00 AM	DMH
Surr: Nitrobenzene-d5		10-132		75.2	%REC	1	11/19/2010 10:45:00 AM	DMH

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110864  
**Lab ID:** 10110864-002  
**Report Date:** 22-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P-H4.5-F(19)  
**Collection Date:** 11/17/2010 12:40:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: p-Terphenyl-d14		30.6-131		74.4	%REC	1	11/19/2010 10:45:00 AM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
1,2-Dichlorobenzene	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
1,3-Dichlorobenzene	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
1,4-Dichlorobenzene	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
2,4-Dichlorophenol	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
2,4-Dimethylphenol	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
2,4-Dinitrophenol	NELAP	2.24		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
2-Chloronaphthalene	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
2-Chlorophenol	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
2-Methoxy-4-methylphenol		1.46		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
2-Methylnaphthalene	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
2-Nitroaniline	NELAP	2.24		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
2-Nitrophenol	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
3-Nitroaniline	NELAP	2.24		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.24		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
4-Chloroaniline	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
4-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
4-Nitrophenol	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Aniline	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Azobenzene		0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Benzidine	NELAP	2.37		see note	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Benzoic acid	NELAP	3.36		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Benzyl alcohol	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Carbazole		1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110864  
**Lab ID:** 10110864-002  
**Report Date:** 22-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P-H4.5-F(19)  
**Collection Date:** 11/17/2010 12:40:00 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>								
Dibenzofuran	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Diethyl phthalate	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Dimethyl phthalate	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Hexachlorobenzene	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Hexachlorobutadiene	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Hexachloroethane	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Isophorone	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
m,p-Cresol	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Nitrobenzene	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
N-Nitrosodimethylamine	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
o-Cresol	NELAP	1.12	S	ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Pentachlorophenol	NELAP	4.49		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Phenol	NELAP	0.785		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Pyridine	NELAP	1.12		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
1,2-Diphenylhydrazine		1.88		ND	mg/Kg-dry	1	11/19/2010 10:12:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		64.0	%REC	1	11/19/2010 10:12:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		81.8	%REC	1	11/19/2010 10:12:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		65.5	%REC	1	11/19/2010 10:12:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.7	%REC	1	11/19/2010 10:12:00 AM	DMH
Surr: Phenol-d5		34.9-110		72.1	%REC	1	11/19/2010 10:12:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		84.2	%REC	1	11/19/2010 10:12:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,1,1-Trichloroethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,1,2-Trichloroethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,1-Dichloro-2-propanone		1030		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,1-Dichloroethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,1-Dichloroethene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,1-Dichloropropene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,2,3-Trichloropropane	NELAP	206		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110864  
**Lab ID:** 10110864-002  
**Report Date:** 22-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P-H4.5-F(19)  
**Collection Date:** 11/17/2010 12:40:00 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>								
1,2,3-Trimethylbenzene		103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,2-Dibromoethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,2-Dichlorobenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,2-Dichloroethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,2-Dichloropropane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,3-Dichlorobenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,3-Dichloropropane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1,4-Dichlorobenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
1-Chlorobutane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
2,2-Dichloropropane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
2-Butanone	NELAP	1030		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
2-Chlorotoluene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
2-Hexanone	NELAP	1030		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
2-Nitropropane	NELAP	1030		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
4-Chlorotoluene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1030		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Acetone	NELAP	1030		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Acetonitrile	NELAP	2060		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Acrolein	NELAP	2060		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Acrylonitrile	NELAP	206		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Allyl chloride	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Benzene	NELAP	20.6		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Bromobenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Bromochloromethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Bromodichloromethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Bromoform	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Bromomethane	NELAP	206		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Carbon disulfide	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Carbon tetrachloride	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Chlorobenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Chloroethane	NELAP	206		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Chloroform	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Chloromethane	NELAP	206		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110864  
**Lab ID:** 10110864-002  
**Report Date:** 22-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P-H4.5-F(19)  
**Collection Date:** 11/17/2010 12:40:00 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>								
cis-1,3-Dichloropropene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Cyclohexanone		2060		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Dibromochloromethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Dibromomethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Dichlorodifluoromethane	NELAP	206		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Ethyl acetate	NELAP	1030	J	390	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Ethyl ether	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Ethyl methacrylate	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Ethylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Gasoline Range Organics (OA-1)		20600		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Heptane		412		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Hexachlorobutadiene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Hexachloroethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Iodomethane	NELAP	206		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Isopropylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
m,p-Xylenes	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Methacrylonitrile	NELAP	1030		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Methyl Methacrylate	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Methyl tert-butyl ether	NELAP	41.2		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Methylacrylate		206		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Methylene chloride	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Naphthalene	NELAP	206		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
n-Butylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
n-Hexane		412		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Nitrobenzene	NELAP	2060		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
n-Propylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
o-Xylene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Pentachloroethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
p-Isopropyltoluene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Propionitrile	NELAP	1030		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
sec-Butylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Styrene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
tert-Butylbenzene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Tetrachloroethene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Tetrahydrofuran	NELAP	1030		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Toluene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110864  
**Lab ID:** 10110864-002  
**Report Date:** 22-Nov-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P-H4.5-F(19)  
**Collection Date:** 11/17/2010 12:40:00 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>								
trans-1,4-Dichloro-2-butene	NELAP	206		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Trichloroethene	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Trichlorofluoromethane	NELAP	103		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Vinyl acetate	NELAP	1030		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Vinyl chloride	NELAP	41.2		ND	µg/Kg-dry	12.5	11/19/2010 2:36:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		100.8	%REC	12.5	11/19/2010 2:36:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		94.4	%REC	12.5	11/19/2010 2:36:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.7	%REC	12.5	11/19/2010 2:36:00 PM	RWE
Surr: Toluene-d8		86-116		101.5	%REC	12.5	11/19/2010 2:36:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	11/19/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.564		< 0.564	mg/Kg-dry	1	11/19/2010 9:20:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		< 0.56	mg/Kg-dry	1	11/19/2010 9:20:00 AM	KNS

### Sample Narrative

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

Phenol and o-Cresol were outside upper QC limits in the LCS. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2  
o-Cresol was outside upper QC limits in the Matrix spike.

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

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

Elevated reporting limit due to matrix interference.

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 6240908012

**Lab Order:** 10110864

**Report Date:** 22-Nov-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10110864-001A	P6-F4-F(19)	11/17/2010	Solid	EPA SW846 3550C, 5035A, ASTM D2974		11/18/2010 4:15:00 PM
				Standard Methods 18th Ed. 2540 G		11/18/2010 4:15:00 PM
				SW-846 9012A		11/19/2010 9:20:00 AM
				SW-846 9012A (Total)		11/19/2010 9:20:00 AM
10110864-001B				SW-846 3050B, 6010B, Metals by ICP	11/18/2010 4:53:54 PM	11/19/2010 9:57:13 AM
				SW-846 3050B, 6010B, Metals by ICP	11/18/2010 4:53:54 PM	11/19/2010 11:54:02 AM
				SW-846 3050B, Metals by GFAA	11/18/2010 4:55:54 PM	11/19/2010 9:52:56 AM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	11/18/2010 7:43:35 PM	11/19/2010 2:03:00 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	11/18/2010 7:43:35 PM	11/19/2010 3:12:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/18/2010 7:48:46 PM	11/19/2010 10:09:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/18/2010 7:46:20 PM	11/19/2010 9:40:00 AM
				SW-846 7471A	11/19/2010 9:14:14 AM	11/19/2010
10110864-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/19/2010 1:08:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/19/2010 2:07:00 PM
10110864-002A	P-H4.5-F(19)			EPA SW846 3550C, 5035A, ASTM D2974		11/18/2010 4:15:00 PM
				Standard Methods 18th Ed. 2540 G		11/18/2010 4:15:00 PM
				SW-846 9012A		11/19/2010 9:20:00 AM
				SW-846 9012A (Total)		11/19/2010 9:20:00 AM
10110864-002B				SW-846 3050B, 6010B, Metals by ICP	11/18/2010 4:53:54 PM	11/19/2010 10:13:57 AM
				SW-846 3050B, 6010B, Metals by ICP	11/18/2010 4:53:54 PM	11/19/2010 12:01:02 PM
				SW-846 3050B, Metals by GFAA	11/18/2010 4:55:54 PM	11/19/2010 10:03:02 AM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	11/18/2010 7:43:35 PM	11/19/2010 2:55:00 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 6240908012**Lab Order:** 10110864**Report Date:** 22-Nov-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10110864-002B	P-H4.5-F(19)	11/17/2010	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/18/2010 7:48:46 PM	11/19/2010 10:45:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/18/2010 7:46:21 PM	11/19/2010 10:12:00 AM
				SW-846 7471A	11/19/2010 9:14:14 AM	11/19/2010
10110864-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/19/2010 1:38:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/19/2010 2:36:00 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 6240908012

Test Number: **M2540 G**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-R142734</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>142734</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142734</b>		Analysis Date: <b>11/18/2010</b>	SeqNo: <b>2797804</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>142734</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142734</b>		Analysis Date: <b>11/18/2010</b>	SeqNo: <b>2797805</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>10110864-002ADUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>142734</b>							
Client ID: <b>P-H4.5-F(19)DUP</b>	Batch ID: <b>R142734</b>		Analysis Date: <b>11/18/2010</b>	SeqNo: <b>2797843</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	89.1	0.1						88.63	0.495	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW6010B

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>MB-64463</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/18/2010</b>	RunNo: <b>142755</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64463</b>	<b>SOP 3032</b>				Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798256</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				
Silver	< 0.55	0.55	0.5500	0	0	-100	100				

Sample ID: <b>LCS-64463</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/18/2010</b>	RunNo: <b>142755</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64463</b>	<b>SOP 3032</b>				Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798257</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	206	2.50	200.0	0	103.2	85	115				
Barium	202	0.50	200.0	0	100.8	85	115				
Cadmium	4.95	0.20	5.000	0	99.0	85	115				
Chromium	21.9	1.00	20.00	0	109.4	85	115				
Silver	5.32	0.55	5.000	0	106.4	85	115				

Sample ID: <b>10110864-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/18/2010</b>	RunNo: <b>142755</b>				
Client ID: <b>P6-F4-F(19)MS</b>	Batch ID: <b>64463</b>	<b>SOP 3032</b>				Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798260</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	186	2.40	192.3	4.250	94.4	75	125				
Barium	182	0.48	192.3	17.93	85.1	75	125				
Cadmium	4.07	0.19	4.808	0	84.6	75	125				
Chromium	37.4	0.96	19.23	15.83	112.0	75	125				
Silver	4.74	0.53	4.808	0	98.6	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW6010B

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>10110864-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142755</b>							
Client ID: <b>P6-F4-F(19)MSD</b>	Batch ID: <b>64463</b>	<b>SOP 3032</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798261</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	188	2.40	192.3	4.250	95.3	75	125	185.8	0.979	20	
Barium	181	0.48	192.3	17.93	84.7	75	125	181.5	0.425	20	
Cadmium	4.12	0.19	4.808	0	85.8	75	125	4.067	1.41	20	
Chromium	35.6	0.96	19.23	15.83	102.8	75	125	37.36	4.82	20	
Silver	4.96	0.53	4.808	0	103.2	75	125	4.740	4.56	20	

Sample ID: <b>MB-64463</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142756</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64463</b>	<b>SOP 3032</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798344</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-64463</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142756</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64463</b>	<b>SOP 3032</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798345</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	48.4	4.00	50.00	0	96.7	85	115				
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Sample ID: <b>10110864-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142756</b>							
Client ID: <b>P6-F4-F(19)MS</b>	Batch ID: <b>64463</b>	<b>SOP 3032</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798356</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	60.9	3.85	48.08	23.48	77.8	75	125				
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Sample ID: <b>10110864-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142756</b>							
Client ID: <b>P6-F4-F(19)MSD</b>	Batch ID: <b>64463</b>	<b>SOP 3032</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798357</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	60.1	3.85	48.08	23.48	76.2	75	125	60.90	1.27	20	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW7000 G

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>MB-64464</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142757</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64464</b>	<b>SOP 3042</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798376</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-64464</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142757</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64464</b>	<b>SOP 3042</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798377</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.78	0.600	3.000	0	92.6	80	120			
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Sample ID: <b>10110864-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142757</b>							
Client ID: <b>P6-F4-F(19)MS</b>	Batch ID: <b>64464</b>	<b>SOP 3042</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798379</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	1.60	0.577	2.885	0	55.3	70	130			S
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Sample ID: <b>10110864-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142757</b>							
Client ID: <b>P6-F4-F(19)MSD</b>	Batch ID: <b>64464</b>	<b>SOP 3042</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798380</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	1.56	0.577	2.885	0	54.2	70	130	1.596	2.01	20	S
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW7471 A

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>MB-64492</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142772</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64492</b>	<b>SOP 3063</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798940</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-64492</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142772</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64492</b>	<b>SOP 3063</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798943</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.245	0.010	0.2500	0	98.0	85	115				
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Sample ID: <b>10110864-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142772</b>							
Client ID: <b>P6-F4-F(19)MS</b>	Batch ID: <b>64492</b>	<b>SOP 3063</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798961</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.282	0.011	0.2709	0.007045	101.4	75	125				
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Sample ID: <b>10110864-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142772</b>							
Client ID: <b>P6-F4-F(19)MSD</b>	Batch ID: <b>64492</b>	<b>SOP 3063</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798962</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.284	0.011	0.2709	0.007045	102.2	75	125	0.2818	0.766	15	
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Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8015M/OA2**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>MB-64470</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142769</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64470</b>	<b>SW3550B</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798770</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	0.60		0.6700		89.6	54.8	128				

Sample ID: <b>LCS-64470</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142769</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64470</b>	<b>SW3550B</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798771</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	15.5	5.00	16.70	0	93.0	40.4	121				
Surr: n-Tetracontane	0.54		0.6700		80.7	54.8	128				

Sample ID: <b>10110864-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142769</b>							
Client ID: <b>P6-F4-F(19)MS</b>	Batch ID: <b>64470</b>	<b>SW3550B</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798773</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	50.6	10.8	36.19	21.57	80.1	20.3	167				
Surr: n-Tetracontane	1.45		1.452		100.2	53.9	153				

Sample ID: <b>10110864-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142769</b>							
Client ID: <b>P6-F4-F(19)MSD</b>	Batch ID: <b>64470</b>	<b>SW3550B</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798774</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	54.3	10.9	36.47	21.57	89.8	20.3	167	50.55	7.20	34	
Surr: n-Tetracontane	1.33		1.463		90.8	53.9	153		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: LCS-G101119-1	SampType: LCS	Units: µg/Kg				Prep Date: 11/19/2010	RunNo: 142766				
Client ID: ZZZZZZ	Batch ID: 64499	SW5035				Analysis Date: 11/19/2010	SeqNo: 2798693				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	47.8	5.00	50.00	0	95.6	0	200				
1,1,1-Trichloroethane	47.1	5.00	50.00	0	94.2	85.8	124				
1,1,2,2-Tetrachloroethane	48.1	5.00	50.00	0	96.2	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	39.7	5.00	50.00	0	79.4	0	200				
1,1,2-Trichloroethane	47.0	5.00	50.00	0	93.9	0	200				
1,1-Dichloro-2-propanone	112	50.0	125.0	0	89.8	0	200				
1,1-Dichloroethane	44.7	5.00	50.00	0	89.4	0	200				
1,1-Dichloroethene	37.7	5.00	50.00	0	75.5	60.1	131				
1,1-Dichloropropene	45.5	5.00	50.00	0	91.1	0	200				
1,2,3-Trichlorobenzene	56.4	5.00	50.00	0	112.9	0	200				
1,2,3-Trichloropropane	49.6	10.0	50.00	0	99.2	0	200				
1,2,3-Trimethylbenzene	48.9	5.00	50.00	0	97.8	0	200				
1,2,4-Trichlorobenzene	57.1	5.00	50.00	0	114.2	0	200				
1,2,4-Trimethylbenzene	50.1	5.00	50.00	0	100.2	0	200				
1,2-Dibromo-3-chloropropane	47.8	5.00	50.00	0	95.6	0	200				
1,2-Dibromoethane	47.8	5.00	50.00	0	95.7	86.9	119				
1,2-Dichlorobenzene	49.5	5.00	50.00	0	99.0	88	119				
1,2-Dichloroethane	48.6	5.00	50.00	0	97.2	73	117				
1,2-Dichloropropane	47.0	5.00	50.00	0	93.9	0	200				
1,3,5-Trimethylbenzene	50.0	5.00	50.00	0	100	0	200				
1,3-Dichlorobenzene	49.6	5.00	50.00	0	99.2	85.8	125				
1,3-Dichloropropane	46.4	5.00	50.00	0	92.8	0	200				
1,4-Dichlorobenzene	49.4	5.00	50.00	0	98.9	84.5	124				
1-Chlorobutane	43.0	5.00	50.00	0	85.9	0	200				
2,2-Dichloropropane	45.0	5.00	50.00	0	90.0	0	200				
2-Butanone	124	50.0	125.0	0	99.6	45.3	136				
2-Chlorotoluene	48.7	5.00	50.00	0	97.3	0	200				
2-Hexanone	117	50.0	125.0	0	93.6	0	200				
2-Nitropropane	50.2	50.0	50.00	0	100.4	0	200				
4-Chlorotoluene	49.5	5.00	50.00	0	99.0	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-G101119-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/19/2010</b>	RunNo: <b>142766</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64499</b>	<b>SW5035</b>				Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798693</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	118	50.0	125.0	0	94.4	0	200				
Acetone	149	50.0	125.0	0	118.9	0	200				
Acrylonitrile	41.9	10.0	50.00	0	83.8	0	200				
Allyl chloride	42.5	5.00	50.00	0	85.0	0	200				
Benzene	44.3	1.00	50.00	0	88.5	73.9	109				
Bromobenzene	48.8	5.00	50.00	0	97.5	0	200				
Bromochloromethane	46.9	5.00	50.00	0	93.7	0	200				
Bromodichloromethane	48.8	5.00	50.00	0	97.6	91.3	126				
Bromoform	47.4	5.00	50.00	0	94.7	0	200				
Bromomethane	27.0	10.0	50.00	0	53.9	0	200				
Carbon disulfide	33.5	5.00	50.00	0	67.0	0	200				
Carbon tetrachloride	47.4	5.00	50.00	0	94.8	83.3	127				
Chlorobenzene	47.5	5.00	50.00	0	94.9	85.8	116				
Chloroethane	27.8	10.0	50.00	0	55.5	0	200				
Chloroform	47.7	5.00	50.00	0	95.4	80	113				
Chloromethane	11.7	10.0	50.00	0	23.4	0	200				
cis-1,2-Dichloroethene	46.2	5.00	50.00	0	92.4	0	200				
cis-1,3-Dichloropropene	48.7	4.00	50.00	0	97.4	0	200				
Cyclohexanone	236	100	250.0	0	94.5	0	200				
Dibromochloromethane	47.9	5.00	50.00	0	95.7	89.1	119				
Dibromomethane	47.2	5.00	50.00	0	94.4	0	200				
Dichlorodifluoromethane	2.2	10.0	50.00	0	4.4	0	200				J
Ethyl acetate	43	50.0	50.00	0	86.4	0	200				J
Ethyl ether	43.3	5.00	50.00	0	86.5	0	200				
Ethyl methacrylate	43.3	5.00	50.00	0	86.6	0	200				
Ethylbenzene	47.1	5.00	50.00	0	94.1	84.1	115				
Heptane	40.9	20.0	50.00	0	81.8	0	200				
Hexachlorobutadiene	54.5	5.00	50.00	0	109.1	0	200				
Hexachloroethane	50.2	5.00	50.00	0	100.4	0	200				
Iodomethane	37.4	10.0	50.00	0	74.8	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-G101119-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/19/2010</b>	RunNo: <b>142766</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64499</b>	<b>SW5035</b>				Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798693</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	47.6	5.00	50.00	0	95.2	0	200				
m,p-Xylenes	93.7	5.00	100.0	0	93.7	79.1	111				
Methacrylonitrile	44	50.0	50.00	0	88.7	0	200				J
Methyl Methacrylate	44.0	5.00	50.00	0	87.9	0	200				
Methyl tert-butyl ether	45.2	2.00	50.00	0	90.3	80	128				
Methylacrylate	45.4	10.0	50.00	0	90.7	0	200				
Methylene chloride	42.4	5.00	50.00	0	84.8	73.9	116				
Naphthalene	54.4	10.0	50.00	0	108.8	73.1	135				
n-Butylbenzene	52.6	5.00	50.00	0	105.3	0	200				
n-Hexane	35.8	20.0	50.00	0	71.5	0	200				
Nitrobenzene	61	100	50.00	0	122.1	0	200				J
n-Propylbenzene	49.7	5.00	50.00	0	99.4	0	200				
o-Xylene	45.6	5.00	50.00	0	91.1	82	117				
Pentachloroethane	51.4	5.00	50.00	0	102.7	0	200				
p-Isopropyltoluene	49.4	5.00	50.00	0	98.8	0	200				
Propionitrile	47	50.0	50.00	0	94.5	0	200				J
sec-Butylbenzene	50.7	5.00	50.00	0	101.3	0	200				
Styrene	46.8	5.00	50.00	0	93.6	0	200				
tert-Butylbenzene	49.0	5.00	50.00	0	98.1	0	200				
Tetrachloroethene	45.8	5.00	50.00	0	91.5	74.6	115				
Tetrahydrofuran	44	50.0	50.00	0	88.0	0	200				J
Toluene	45.3	5.00	50.00	0	90.6	79.1	112				
trans-1,2-Dichloroethene	44.6	5.00	50.00	0	89.1	0	200				
trans-1,3-Dichloropropene	46.6	4.00	50.00	0	93.1	0	200				
trans-1,4-Dichloro-2-butene	45.1	10.0	50.00	0	90.1	0	200				
Trichloroethene	48.4	5.00	50.00	0	96.7	81	111				
Trichlorofluoromethane	30.3	5.00	50.00	0	60.6	0	200				
Vinyl acetate	46	50.0	50.00	0	92.0	0	200				J
Vinyl chloride	17.9	2.00	50.00	0	35.8	0	200				
Surr: 1,2-Dichloroethane-d4	50.3		50.00		100.7	72.2	131				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-G101119-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142766</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64499</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798693</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	48.4		50.00		96.7	82.1	116				
Surr: Dibromofluoromethane	52.5		50.00		104.9	77.7	120				
Surr: Toluene-d8	49.3		50.00		98.6	86	116				

Sample ID: <b>LCSD-G101119-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142766</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64499</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798694</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	46.8	5.00	50.00	0	93.6	0	200	47.81	2.16	20	
1,1,1-Trichloroethane	46.0	5.00	50.00	0	92.1	85.8	124	47.08	2.26	20	
1,1,2,2-Tetrachloroethane	46.6	5.00	50.00	0	93.2	0	200	48.09	3.13	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	38.7	5.00	50.00	0	77.4	0	200	39.69	2.50	20	
1,1,2-Trichloroethane	46.1	5.00	50.00	0	92.2	0	200	46.96	1.89	20	
1,1-Dichloro-2-propanone	110	50.0	125.0	0	88.0	0	200	112.3	2.03	20	
1,1-Dichloroethane	43.9	5.00	50.00	0	87.9	0	200	44.69	1.69	20	
1,1-Dichloroethene	36.1	5.00	50.00	0	72.1	60.1	131	37.74	4.53	20	
1,1-Dichloropropene	44.8	5.00	50.00	0	89.5	0	200	45.54	1.73	20	
1,2,3-Trichlorobenzene	53.2	5.00	50.00	0	106.4	0	200	56.44	5.93	20	
1,2,3-Trichloropropane	47.0	10.0	50.00	0	94.0	0	200	49.60	5.38	20	
1,2,3-Trimethylbenzene	47.3	5.00	50.00	0	94.6	0	200	48.91	3.35	20	
1,2,4-Trichlorobenzene	54.5	5.00	50.00	0	109.0	0	200	57.08	4.59	20	
1,2,4-Trimethylbenzene	48.9	5.00	50.00	0	97.8	0	200	50.12	2.51	20	
1,2-Dibromo-3-chloropropane	46.2	5.00	50.00	0	92.4	0	200	47.78	3.34	20	
1,2-Dibromoethane	47.2	5.00	50.00	0	94.4	86.9	119	47.85	1.35	20	
1,2-Dichlorobenzene	47.4	5.00	50.00	0	94.9	88	119	49.48	4.21	20	
1,2-Dichloroethane	47.4	5.00	50.00	0	94.7	73	117	48.61	2.60	20	
1,2-Dichloropropane	46.0	5.00	50.00	0	92.0	0	200	46.95	2.09	20	
1,3,5-Trimethylbenzene	48.5	5.00	50.00	0	97.0	0	200	50.00	3.09	20	
1,3-Dichlorobenzene	48.2	5.00	50.00	0	96.5	85.8	125	49.60	2.80	20	
1,3-Dichloropropane	45.4	5.00	50.00	0	90.7	0	200	46.39	2.25	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-D-G101119-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/19/2010</b>	RunNo: <b>142766</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64499</b>	<b>SW5035</b>				Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798694</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	48.2	5.00	50.00	0	96.3	84.5	124	49.43	2.62	20	
1-Chlorobutane	42.1	5.00	50.00	0	84.1	0	200	42.96	2.09	20	
2,2-Dichloropropane	43.9	5.00	50.00	0	87.9	0	200	44.99	2.36	20	
2-Butanone	113	50.0	125.0	0	90.6	45.3	136	124.5	9.41	20	
2-Chlorotoluene	47.2	5.00	50.00	0	94.3	0	200	48.67	3.17	20	
2-Hexanone	110	50.0	125.0	0	87.8	0	200	117.0	6.38	20	
2-Nitropropane	46	50.0	50.00	0	91.8	0	200	50.22	0	20	J
4-Chlorotoluene	48.0	5.00	50.00	0	96.1	0	200	49.49	2.95	20	
4-Methyl-2-pentanone	114	50.0	125.0	0	90.9	0	200	118.0	3.82	20	
Acetone	134	50.0	125.0	0	107.3	0	200	148.6	10.3	20	
Acrylonitrile	41.4	10.0	50.00	0	82.9	0	200	41.88	1.08	20	
Allyl chloride	41.1	5.00	50.00	0	82.1	0	200	42.48	3.40	20	
Benzene	43.3	1.00	50.00	0	86.5	73.9	109	44.27	2.31	20	
Bromobenzene	47.2	5.00	50.00	0	94.4	0	200	48.75	3.19	20	
Bromochloromethane	45.7	5.00	50.00	0	91.4	0	200	46.86	2.51	20	
Bromodichloromethane	48.1	5.00	50.00	0	96.1	91.3	126	48.80	1.53	20	
Bromoform	46.7	5.00	50.00	0	93.4	0	200	47.35	1.34	20	
Bromomethane	24.4	10.0	50.00	0	48.8	0	200	26.96	10.0	20	
Carbon disulfide	32.0	5.00	50.00	0	64.0	0	200	33.48	4.55	20	
Carbon tetrachloride	46.5	5.00	50.00	0	93.1	83.3	127	47.40	1.85	20	
Chlorobenzene	46.2	5.00	50.00	0	92.4	85.8	116	47.47	2.73	20	
Chloroethane	26.7	10.0	50.00	0	53.4	0	200	27.77	3.97	20	
Chloroform	47.0	5.00	50.00	0	94.1	80	113	47.69	1.35	20	
Chloromethane	10.8	10.0	50.00	0	21.6	0	200	11.70	8.19	20	
cis-1,2-Dichloroethene	45.2	5.00	50.00	0	90.3	0	200	46.20	2.30	20	
cis-1,3-Dichloropropene	47.5	4.00	50.00	0	94.9	0	200	48.69	2.54	20	
Cyclohexanone	220	100	250.0	0	88.0	0	200	236.4	7.21	20	
Dibromochloromethane	47.0	5.00	50.00	0	94.1	89.1	119	47.87	1.75	20	
Dibromomethane	46.0	5.00	50.00	0	92.0	0	200	47.19	2.53	20	
Dichlorodifluoromethane	2.0	10.0	50.00	0	4.0	0	200	2.210	0	20	J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-D-G101119-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/19/2010</b>	RunNo: <b>142766</b>					
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64499</b>	<b>SW5035</b>				Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798694</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Ethyl acetate	43	50.0	50.00	0	86.6	0	200	43.19	0	20	J	
Ethyl ether	41.4	5.00	50.00	0	82.9	0	200	43.27	4.34	20		
Ethyl methacrylate	42.1	5.00	50.00	0	84.2	0	200	43.29	2.81	20		
Ethylbenzene	46.4	5.00	50.00	0	92.8	84.1	115	47.07	1.41	20		
Heptane	39.2	20.0	50.00	0	78.4	0	200	40.88	4.17	20		
Hexachlorobutadiene	51.6	5.00	50.00	0	103.3	0	200	54.54	5.44	20		
Hexachloroethane	48.2	5.00	50.00	0	96.3	0	200	50.19	4.15	20		
Iodomethane	40.0	10.0	50.00	0	80.0	0	200	37.38	6.72	20		
Isopropylbenzene	46.6	5.00	50.00	0	93.2	0	200	47.58	2.12	20		
m,p-Xylenes	91.8	5.00	100.0	0	91.8	79.1	111	93.71	2.03	20		
Methacrylonitrile	43	50.0	50.00	0	85.5	0	200	44.36	0	20	J	
Methyl Methacrylate	43.1	5.00	50.00	0	86.1	0	200	43.97	2.09	20		
Methyl tert-butyl ether	43.8	2.00	50.00	0	87.6	80	128	45.17	3.08	20		
Methylacrylate	43.9	10.0	50.00	0	87.9	0	200	45.35	3.18	20		
Methylene chloride	41.2	5.00	50.00	0	82.3	73.9	116	42.41	2.97	20		
Naphthalene	52.1	10.0	50.00	0	104.1	73.1	135	54.41	4.41	20		
n-Butylbenzene	50.4	5.00	50.00	0	100.9	0	200	52.63	4.27	20		
n-Hexane	34.7	20.0	50.00	0	69.4	0	200	35.76	3.01	20		
Nitrobenzene	48	100	50.00	0	96.0	0	200	61.07	0	20	J	
n-Propylbenzene	48.2	5.00	50.00	0	96.3	0	200	49.71	3.15	20		
o-Xylene	44.5	5.00	50.00	0	88.9	82	117	45.57	2.44	20		
Pentachloroethane	49.5	5.00	50.00	0	99.0	0	200	51.37	3.67	20		
p-Isopropyltoluene	47.8	5.00	50.00	0	95.6	0	200	49.41	3.33	20		
Propionitrile	44	50.0	50.00	0	88.7	0	200	47.25	0	20	J	
sec-Butylbenzene	49.2	5.00	50.00	0	98.4	0	200	50.66	2.96	20		
Styrene	45.5	5.00	50.00	0	91.0	0	200	46.81	2.84	20		
tert-Butylbenzene	47.1	5.00	50.00	0	94.2	0	200	49.04	3.99	20		
Tetrachloroethene	44.8	5.00	50.00	0	89.6	74.6	115	45.77	2.16	20		
Tetrahydrofuran	43	50.0	50.00	0	86.4	0	200	43.98	0	20	J	
Toluene	44.3	5.00	50.00	0	88.7	79.1	112	45.32	2.21	20		



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCSG-G101119-1</b>		SampType: <b>LCSG</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/19/2010</b>			RunNo: <b>142766</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>64499</b>		<b>SW5035</b>		Analysis Date: <b>11/19/2010</b>			SeqNo: <b>2798694</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	43.5	5.00	50.00	0	87.1	0	200	44.55	2.32	20	
trans-1,3-Dichloropropene	44.9	4.00	50.00	0	89.9	0	200	46.57	3.56	20	
trans-1,4-Dichloro-2-butene	42.6	10.0	50.00	0	85.2	0	200	45.07	5.66	20	
Trichloroethene	47.2	5.00	50.00	0	94.4	81	111	48.36	2.39	20	
Trichlorofluoromethane	29.5	5.00	50.00	0	59.0	0	200	30.32	2.71	20	
Vinyl acetate	44	50.0	50.00	0	87.1	0	200	46.02	0	20	J
Vinyl chloride	16.7	2.00	50.00	0	33.4	0	200	17.89	6.88	20	
Surr: 1,2-Dichloroethane-d4	50.0		50.00		99.9	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	48.8		50.00		97.7	82.1	116		0	20	
Surr: Dibromofluoromethane	52.0		50.00		104.0	77.7	120		0	20	
Surr: Toluene-d8	49.2		50.00		98.4	86	116		0	20	

Sample ID: <b>LCSG-G101119-1</b>		SampType: <b>LCSG</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/19/2010</b>			RunNo: <b>142766</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>64499</b>		<b>SW5035</b>		Analysis Date: <b>11/19/2010</b>			SeqNo: <b>2798696</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	2000	1000	2000	0	100.2	70	130				
Surr: 1,2-Dichloroethane-d4	51.2		50.00		102.5	61	128				
Surr: 4-Bromofluorobenzene	49.7		50.00		99.5	78.2	117				
Surr: Dibromofluoromethane	51.0		50.00		102.0	66.6	130				
Surr: Toluene-d8	48.7		50.00		97.4	80.1	122				

Sample ID: <b>LCSGD-G101119-1</b>		SampType: <b>LCSGD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/19/2010</b>			RunNo: <b>142766</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>64499</b>		<b>SW5035</b>		Analysis Date: <b>11/19/2010</b>			SeqNo: <b>2798697</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	2050	1000	2000	0	102.7	70	130	2003	2.53	20	
Surr: 1,2-Dichloroethane-d4	50.6		50.00		101.2	61	128		0	0	
Surr: 4-Bromofluorobenzene	50.1		50.00		100.2	78.2	117		0	0	
Surr: Dibromofluoromethane	50.9		50.00		101.9	66.6	130		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCSGD-G101119-1</b>	SampType: <b>LCSGD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142766</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64499</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798697</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Toluene-d8	49.0		50.00		98.1	80.1	122		0	0	
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Sample ID: <b>MBLK-G101119-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142766</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64499</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798698</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

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>MBLK-G101119-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142766</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64499</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798698</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
Acetonitrile	ND	100									
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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>MBLK-G101119-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142766</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64499</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798698</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.00									
Ethyl methacrylate	ND	5.00									
Ethylbenzene	ND	5.00									
Gasoline Range Organics (OA-1)	ND	1000									
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 6240908012

Test Number: **SW8260B**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>MBLK-G101119-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142766</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64499</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798698</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									
trans-1,4-Dichloro-2-butene	ND	10.0									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Surr: 1,2-Dichloroethane-d4	51.6		50.00		103.2	72.2	131				
Surr: 4-Bromofluorobenzene	50.0		50.00		100	82.1	116				
Surr: Dibromofluoromethane	52.0		50.00		104.1	77.7	120				
Surr: Toluene-d8	49.2		50.00		98.3	86	116				

Sample ID: <b>LCS-G101119-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142768</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64500</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798719</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	47.8	5.00	50.00	0	95.6	0	200				
1,1,1-Trichloroethane	47.1	5.00	50.00	0	94.2	85.8	124				
1,1,2,2-Tetrachloroethane	48.1	5.00	50.00	0	96.2	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	39.7	5.00	50.00	0	79.4	0	200				
1,1,2-Trichloroethane	47.0	5.00	50.00	0	93.9	0	200				
1,1-Dichloro-2-propanone	112	50.0	125.0	0	89.8	0	200				
1,1-Dichloroethane	44.7	5.00	50.00	0	89.4	0	200				
1,1-Dichloroethene	37.7	5.00	50.00	0	75.5	60.1	131				
1,1-Dichloropropene	45.5	5.00	50.00	0	91.1	0	200				
1,2,3-Trichlorobenzene	56.4	5.00	50.00	0	112.9	0	200				
1,2,3-Trichloropropane	49.6	10.0	50.00	0	99.2	0	200				
1,2,3-Trimethylbenzene	48.9	5.00	50.00	0	97.8	0	200				
1,2,4-Trichlorobenzene	57.1	5.00	50.00	0	114.2	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: LCS-G101119-1	SampType: LCS	Units: µg/Kg				Prep Date: 11/19/2010	RunNo: 142768				
Client ID: ZZZZZZ	Batch ID: 64500	SW5035				Analysis Date: 11/19/2010	SeqNo: 2798719				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	50.1	5.00	50.00	0	100.2	0	200				
1,2-Dibromo-3-chloropropane	47.8	5.00	50.00	0	95.6	0	200				
1,2-Dibromoethane	47.8	5.00	50.00	0	95.7	86.9	119				
1,2-Dichlorobenzene	49.5	5.00	50.00	0	99.0	88	119				
1,2-Dichloroethane	48.6	5.00	50.00	0	97.2	73	117				
1,2-Dichloropropane	47.0	5.00	50.00	0	93.9	0	200				
1,3,5-Trimethylbenzene	50.0	5.00	50.00	0	100	0	200				
1,3-Dichlorobenzene	49.6	5.00	50.00	0	99.2	85.8	125				
1,3-Dichloropropane	46.4	5.00	50.00	0	92.8	0	200				
1,4-Dichlorobenzene	49.4	5.00	50.00	0	98.9	84.5	124				
1-Chlorobutane	43.0	5.00	50.00	0	85.9	0	200				
2,2-Dichloropropane	45.0	5.00	50.00	0	90.0	0	200				
2-Butanone	124	50.0	125.0	0	99.6	45.3	136				
2-Chlorotoluene	48.7	5.00	50.00	0	97.3	0	200				
2-Hexanone	117	50.0	125.0	0	93.6	0	200				
2-Nitropropane	50.2	50.0	50.00	0	100.4	0	200				
4-Chlorotoluene	49.5	5.00	50.00	0	99.0	0	200				
4-Methyl-2-pentanone	118	50.0	125.0	0	94.4	0	200				
Acetone	149	50.0	125.0	0	118.9	0	200				
Acrylonitrile	41.9	10.0	50.00	0	83.8	0	200				
Allyl chloride	42.5	5.00	50.00	0	85.0	0	200				
Benzene	44.3	1.00	50.00	0	88.5	73.9	109				
Bromobenzene	48.8	5.00	50.00	0	97.5	0	200				
Bromochloromethane	46.9	5.00	50.00	0	93.7	0	200				
Bromodichloromethane	48.8	5.00	50.00	0	97.6	91.3	126				
Bromoform	47.4	5.00	50.00	0	94.7	0	200				
Bromomethane	27.0	10.0	50.00	0	53.9	0	200				
Carbon disulfide	33.5	5.00	50.00	0	67.0	0	200				
Carbon tetrachloride	47.4	5.00	50.00	0	94.8	83.3	127				
Chlorobenzene	47.5	5.00	50.00	0	94.9	85.8	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-G101119-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/19/2010</b>	RunNo: <b>142768</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64500</b>	<b>SW5035</b>				Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798719</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	27.8	10.0	50.00	0	55.5	0	200				
Chloroform	47.7	5.00	50.00	0	95.4	80	113				
Chloromethane	11.7	10.0	50.00	0	23.4	0	200				
cis-1,2-Dichloroethene	46.2	5.00	50.00	0	92.4	0	200				
cis-1,3-Dichloropropene	48.7	4.00	50.00	0	97.4	0	200				
Cyclohexanone	236	100	250.0	0	94.5	0	200				
Dibromochloromethane	47.9	5.00	50.00	0	95.7	89.1	119				
Dibromomethane	47.2	5.00	50.00	0	94.4	0	200				
Dichlorodifluoromethane	2.2	10.0	50.00	0	4.4	0	200				J
Ethyl acetate	43	50.0	50.00	0	86.4	0	200				J
Ethyl ether	43.3	5.00	50.00	0	86.5	0	200				
Ethyl methacrylate	43.3	5.00	50.00	0	86.6	0	200				
Ethylbenzene	47.1	5.00	50.00	0	94.1	84.1	115				
Heptane	40.9	20.0	50.00	0	81.8	0	200				
Hexachlorobutadiene	54.5	5.00	50.00	0	109.1	0	200				
Hexachloroethane	50.2	5.00	50.00	0	100.4	0	200				
Iodomethane	37.4	10.0	50.00	0	74.8	0	200				
Isopropylbenzene	47.6	5.00	50.00	0	95.2	0	200				
m,p-Xylenes	93.7	5.00	100.0	0	93.7	79.1	111				
Methacrylonitrile	44	50.0	50.00	0	88.7	0	200				J
Methyl Methacrylate	44.0	5.00	50.00	0	87.9	0	200				
Methyl tert-butyl ether	45.2	2.00	50.00	0	90.3	80	128				
Methylacrylate	45.4	10.0	50.00	0	90.7	0	200				
Methylene chloride	42.4	5.00	50.00	0	84.8	73.9	116				
Naphthalene	54.4	10.0	50.00	0	108.8	73.1	135				
n-Butylbenzene	52.6	5.00	50.00	0	105.3	0	200				
n-Hexane	35.8	20.0	50.00	0	71.5	0	200				
Nitrobenzene	61	100	50.00	0	122.1	0	200				J
n-Propylbenzene	49.7	5.00	50.00	0	99.4	0	200				
o-Xylene	45.6	5.00	50.00	0	91.1	82	117				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-G101119-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>			Prep Date: <b>11/19/2010</b>	RunNo: <b>142768</b>					
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64500</b>	<b>SW5035</b>			Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798719</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachloroethane	51.4	5.00	50.00	0	102.7	0	200				
p-Isopropyltoluene	49.4	5.00	50.00	0	98.8	0	200				
Propionitrile	47	50.0	50.00	0	94.5	0	200				J
sec-Butylbenzene	50.7	5.00	50.00	0	101.3	0	200				
Styrene	46.8	5.00	50.00	0	93.6	0	200				
tert-Butylbenzene	49.0	5.00	50.00	0	98.1	0	200				
Tetrachloroethene	45.8	5.00	50.00	0	91.5	74.6	115				
Tetrahydrofuran	44	50.0	50.00	0	88.0	0	200				J
Toluene	45.3	5.00	50.00	0	90.6	79.1	112				
trans-1,2-Dichloroethene	44.6	5.00	50.00	0	89.1	0	200				
trans-1,3-Dichloropropene	46.6	4.00	50.00	0	93.1	0	200				
trans-1,4-Dichloro-2-butene	45.1	10.0	50.00	0	90.1	0	200				
Trichloroethene	48.4	5.00	50.00	0	96.7	81	111				
Trichlorofluoromethane	30.3	5.00	50.00	0	60.6	0	200				
Vinyl acetate	46	50.0	50.00	0	92.0	0	200				J
Vinyl chloride	17.9	2.00	50.00	0	35.8	0	200				
Surr: 1,2-Dichloroethane-d4	50.3		50.00		100.7	72.2	131				
Surr: 4-Bromofluorobenzene	48.4		50.00		96.7	82.1	116				
Surr: Dibromofluoromethane	52.5		50.00		104.9	77.7	120				
Surr: Toluene-d8	49.3		50.00		98.6	86	116				

Sample ID: <b>LCSD-G101119-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>			Prep Date: <b>11/19/2010</b>	RunNo: <b>142768</b>					
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64500</b>	<b>SW5035</b>			Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798720</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	46.8	5.00	50.00	0	93.6	0	200	47.81	2.16	20	
1,1,1-Trichloroethane	46.0	5.00	50.00	0	92.1	85.8	124	47.08	2.26	20	
1,1,2,2-Tetrachloroethane	46.6	5.00	50.00	0	93.2	0	200	48.09	3.13	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	38.7	5.00	50.00	0	77.4	0	200	39.69	2.50	20	
1,1,2-Trichloroethane	46.1	5.00	50.00	0	92.2	0	200	46.96	1.89	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-D-G101119-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142768</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64500</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798720</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloro-2-propanone	110	50.0	125.0	0	88.0	0	200	112.3	2.03	20	
1,1-Dichloroethane	43.9	5.00	50.00	0	87.9	0	200	44.69	1.69	20	
1,1-Dichloroethene	36.1	5.00	50.00	0	72.1	60.1	131	37.74	4.53	20	
1,1-Dichloropropene	44.8	5.00	50.00	0	89.5	0	200	45.54	1.73	20	
1,2,3-Trichlorobenzene	53.2	5.00	50.00	0	106.4	0	200	56.44	5.93	20	
1,2,3-Trichloropropane	47.0	10.0	50.00	0	94.0	0	200	49.60	5.38	20	
1,2,3-Trimethylbenzene	47.3	5.00	50.00	0	94.6	0	200	48.91	3.35	20	
1,2,4-Trichlorobenzene	54.5	5.00	50.00	0	109.0	0	200	57.08	4.59	20	
1,2,4-Trimethylbenzene	48.9	5.00	50.00	0	97.8	0	200	50.12	2.51	20	
1,2-Dibromo-3-chloropropane	46.2	5.00	50.00	0	92.4	0	200	47.78	3.34	20	
1,2-Dibromoethane	47.2	5.00	50.00	0	94.4	86.9	119	47.85	1.35	20	
1,2-Dichlorobenzene	47.4	5.00	50.00	0	94.9	88	119	49.48	4.21	20	
1,2-Dichloroethane	47.4	5.00	50.00	0	94.7	73	117	48.61	2.60	20	
1,2-Dichloropropane	46.0	5.00	50.00	0	92.0	0	200	46.95	2.09	20	
1,3,5-Trimethylbenzene	48.5	5.00	50.00	0	97.0	0	200	50.00	3.09	20	
1,3-Dichlorobenzene	48.2	5.00	50.00	0	96.5	85.8	125	49.60	2.80	20	
1,3-Dichloropropane	45.4	5.00	50.00	0	90.7	0	200	46.39	2.25	20	
1,4-Dichlorobenzene	48.2	5.00	50.00	0	96.3	84.5	124	49.43	2.62	20	
1-Chlorobutane	42.1	5.00	50.00	0	84.1	0	200	42.96	2.09	20	
2,2-Dichloropropane	43.9	5.00	50.00	0	87.9	0	200	44.99	2.36	20	
2-Butanone	113	50.0	125.0	0	90.6	45.3	136	124.5	9.41	20	
2-Chlorotoluene	47.2	5.00	50.00	0	94.3	0	200	48.67	3.17	20	
2-Hexanone	110	50.0	125.0	0	87.8	0	200	117.0	6.38	20	
2-Nitropropane	46	50.0	50.00	0	91.8	0	200	50.22	0	20	J
4-Chlorotoluene	48.0	5.00	50.00	0	96.1	0	200	49.49	2.95	20	
4-Methyl-2-pentanone	114	50.0	125.0	0	90.9	0	200	118.0	3.82	20	
Acetone	134	50.0	125.0	0	107.3	0	200	148.6	10.3	20	
Acrylonitrile	41.4	10.0	50.00	0	82.9	0	200	41.88	1.08	20	
Allyl chloride	41.1	5.00	50.00	0	82.1	0	200	42.48	3.40	20	
Benzene	43.3	1.00	50.00	0	86.5	73.9	109	44.27	2.31	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-D-G101119-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/19/2010</b>	RunNo: <b>142768</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64500</b>	<b>SW5035</b>				Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798720</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	47.2	5.00	50.00	0	94.4	0	200	48.75	3.19	20	
Bromochloromethane	45.7	5.00	50.00	0	91.4	0	200	46.86	2.51	20	
Bromodichloromethane	48.1	5.00	50.00	0	96.1	91.3	126	48.80	1.53	20	
Bromoform	46.7	5.00	50.00	0	93.4	0	200	47.35	1.34	20	
Bromomethane	24.4	10.0	50.00	0	48.8	0	200	26.96	10.0	20	
Carbon disulfide	32.0	5.00	50.00	0	64.0	0	200	33.48	4.55	20	
Carbon tetrachloride	46.5	5.00	50.00	0	93.1	83.3	127	47.40	1.85	20	
Chlorobenzene	46.2	5.00	50.00	0	92.4	85.8	116	47.47	2.73	20	
Chloroethane	26.7	10.0	50.00	0	53.4	0	200	27.77	3.97	20	
Chloroform	47.0	5.00	50.00	0	94.1	80	113	47.69	1.35	20	
Chloromethane	10.8	10.0	50.00	0	21.6	0	200	11.70	8.19	20	
cis-1,2-Dichloroethene	45.2	5.00	50.00	0	90.3	0	200	46.20	2.30	20	
cis-1,3-Dichloropropene	47.5	4.00	50.00	0	94.9	0	200	48.69	2.54	20	
Cyclohexanone	220	100	250.0	0	88.0	0	200	236.4	7.21	20	
Dibromochloromethane	47.0	5.00	50.00	0	94.1	89.1	119	47.87	1.75	20	
Dibromomethane	46.0	5.00	50.00	0	92.0	0	200	47.19	2.53	20	
Dichlorodifluoromethane	2.0	10.0	50.00	0	4.0	0	200	2.210	0	20	J
Ethyl acetate	43	50.0	50.00	0	86.6	0	200	43.19	0	20	J
Ethyl ether	41.4	5.00	50.00	0	82.9	0	200	43.27	4.34	20	
Ethyl methacrylate	42.1	5.00	50.00	0	84.2	0	200	43.29	2.81	20	
Ethylbenzene	46.4	5.00	50.00	0	92.8	84.1	115	47.07	1.41	20	
Heptane	39.2	20.0	50.00	0	78.4	0	200	40.88	4.17	20	
Hexachlorobutadiene	51.6	5.00	50.00	0	103.3	0	200	54.54	5.44	20	
Hexachloroethane	48.2	5.00	50.00	0	96.3	0	200	50.19	4.15	20	
Iodomethane	40.0	10.0	50.00	0	80.0	0	200	37.38	6.72	20	
Isopropylbenzene	46.6	5.00	50.00	0	93.2	0	200	47.58	2.12	20	
m,p-Xylenes	91.8	5.00	100.0	0	91.8	79.1	111	93.71	2.03	20	
Methacrylonitrile	43	50.0	50.00	0	85.5	0	200	44.36	0	20	J
Methyl Methacrylate	43.1	5.00	50.00	0	86.1	0	200	43.97	2.09	20	
Methyl tert-butyl ether	43.8	2.00	50.00	0	87.6	80	128	45.17	3.08	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-D-G101119-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/19/2010</b>	RunNo: <b>142768</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64500</b>	<b>SW5035</b>				Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798720</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylacrylate	43.9	10.0	50.00	0	87.9	0	200	45.35	3.18	20	
Methylene chloride	41.2	5.00	50.00	0	82.3	73.9	116	42.41	2.97	20	
Naphthalene	52.1	10.0	50.00	0	104.1	73.1	135	54.41	4.41	20	
n-Butylbenzene	50.4	5.00	50.00	0	100.9	0	200	52.63	4.27	20	
n-Hexane	34.7	20.0	50.00	0	69.4	0	200	35.76	3.01	20	
Nitrobenzene	48	100	50.00	0	96.0	0	200	61.07	0	20	J
n-Propylbenzene	48.2	5.00	50.00	0	96.3	0	200	49.71	3.15	20	
o-Xylene	44.5	5.00	50.00	0	88.9	82	117	45.57	2.44	20	
Pentachloroethane	49.5	5.00	50.00	0	99.0	0	200	51.37	3.67	20	
p-Isopropyltoluene	47.8	5.00	50.00	0	95.6	0	200	49.41	3.33	20	
Propionitrile	44	50.0	50.00	0	88.7	0	200	47.25	0	20	J
sec-Butylbenzene	49.2	5.00	50.00	0	98.4	0	200	50.66	2.96	20	
Styrene	45.5	5.00	50.00	0	91.0	0	200	46.81	2.84	20	
tert-Butylbenzene	47.1	5.00	50.00	0	94.2	0	200	49.04	3.99	20	
Tetrachloroethene	44.8	5.00	50.00	0	89.6	74.6	115	45.77	2.16	20	
Tetrahydrofuran	43	50.0	50.00	0	86.4	0	200	43.98	0	20	J
Toluene	44.3	5.00	50.00	0	88.7	79.1	112	45.32	2.21	20	
trans-1,2-Dichloroethene	43.5	5.00	50.00	0	87.1	0	200	44.55	2.32	20	
trans-1,3-Dichloropropene	44.9	4.00	50.00	0	89.9	0	200	46.57	3.56	20	
trans-1,4-Dichloro-2-butene	42.6	10.0	50.00	0	85.2	0	200	45.07	5.66	20	
Trichloroethene	47.2	5.00	50.00	0	94.4	81	111	48.36	2.39	20	
Trichlorofluoromethane	29.5	5.00	50.00	0	59.0	0	200	30.32	2.71	20	
Vinyl acetate	44	50.0	50.00	0	87.1	0	200	46.02	0	20	J
Vinyl chloride	16.7	2.00	50.00	0	33.4	0	200	17.89	6.88	20	
Surr: 1,2-Dichloroethane-d4	50.0		50.00		99.9	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	48.8		50.00		97.7	82.1	116		0	20	
Surr: Dibromofluoromethane	52.0		50.00		104.0	77.7	120		0	20	
Surr: Toluene-d8	49.2		50.00		98.4	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCSG-G101119-1</b>	SampType: <b>LCSG</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142768</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64500</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798722</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline Range Organics (OA-1)	2000	1000	2000	0	100.2	70	130				
Surr: 1,2-Dichloroethane-d4	51.2		50.00		102.5	61	128				
Surr: 4-Bromofluorobenzene	49.7		50.00		99.5	78.2	117				
Surr: Dibromofluoromethane	51.0		50.00		102.0	66.6	130				
Surr: Toluene-d8	48.7		50.00		97.4	80.1	122				

Sample ID: <b>LCSGD-G101119-1</b>	SampType: <b>LCSGD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142768</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64500</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798723</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline Range Organics (OA-1)	2050	1000	2000	0	102.7	70	130	2003	2.53	20	
Surr: 1,2-Dichloroethane-d4	50.6		50.00		101.2	61	128		0	0	
Surr: 4-Bromofluorobenzene	50.1		50.00		100.2	78.2	117		0	0	
Surr: Dibromofluoromethane	50.9		50.00		101.9	66.6	130		0	0	
Surr: Toluene-d8	49.0		50.00		98.1	80.1	122		0	0	

Sample ID: <b>MBLK-G101119-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142768</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64500</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798724</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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10110864

Report Date: 22-Nov-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acetonitrile	ND	100									
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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10110864

Report Date: 22-Nov-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MBLK-G101119-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142768</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64500</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798724</b>							
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									
Gasoline Range Organics (OA-1)	ND	1000									
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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>MBLK-G101119-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142768</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64500</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798724</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
trans-1,4-Dichloro-2-butene	ND	10.0									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Surr: 1,2-Dichloroethane-d4	51.6		50.00		103.2	72.2	131				
Surr: 4-Bromofluorobenzene	50.0		50.00		100	82.1	116				
Surr: Dibromofluoromethane	52.0		50.00		104.1	77.7	120				
Surr: Toluene-d8	49.2		50.00		98.3	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10110864

Report Date: 22-Nov-10

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	0.034									
Acenaphthylene	ND	0.034									
Aniline	ND	0.500									
Anthracene	ND	0.034									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>MB-64471</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142750</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64471</b>	<b>SW3550B</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798289</b>							
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	0.034									
Benzo(a)pyrene	ND	0.034									
Benzo(b)fluoranthene	ND	0.034									
Benzo(g,h,i)perylene	ND	0.034									
Benzo(k)fluoranthene	ND	0.034									
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	0.034									
Dibenzo(a,h)anthracene	ND	0.034									
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	0.034									
Fluorene	ND	0.034									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.034									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>MB-64471</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142750</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64471</b>	<b>SW3550B</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798289</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	0.034									
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	0.034									
Phenol	ND	0.350									
Pyrene	ND	0.034									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.41		1.670		84.3	52.1	113				
Surr: 2-Fluorobiphenyl	0.689		0.8350		82.6	46.3	106				
Surr: 2-Fluorophenol	1.16		1.670		69.5	50.6	89				
Surr: Nitrobenzene-d5	0.616		0.8350		73.8	42.4	99.2				
Surr: Phenol-d5	1.26		1.670		75.4	55.9	98.5				
Surr: p-Terphenyl-d14	0.731		0.8350		87.5	45.5	115				

Sample ID: <b>LCS-64471</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142750</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64471</b>	<b>SW3550B</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798290</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.45	0.500	1.670	0	87.1	43.9	92.2				
1,4-Dichlorobenzene	1.39	0.500	1.670	0	83.0	43.8	84.1				
2,4,5-Trichlorophenol	3.10	0.350	3.330	0	93.0	38.6	123				
2,4,6-Trichlorophenol	2.93	0.350	3.330	0	88.0	35.9	123				
2,4-Dimethylphenol	2.32	0.500	3.330	0	69.8	38.3	88				
2,4-Dinitrophenol	3.17	1.00	3.330	0	95.2	1.88	162				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-64471</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>11/18/2010</b>	RunNo: <b>142750</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64471</b>	<b>SW3550B</b>				Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798290</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.43	0.350	1.670	0	85.9	48.6	102				
2-Chlorophenol	2.70	0.500	3.330	0	81.0	46.6	84				
4-Chloro-3-methylphenol	2.85	0.500	3.330	0	85.6	51.5	94.9				
4-Nitrophenol	3.00	0.350	3.330	0	90.1	53.2	104				
Acenaphthene	1.41	0.034	1.670	0	84.7	50.8	113				
Acenaphthylene	1.54	0.034	1.670	0	92.2	52.8	121				
Anthracene	1.46	0.034	1.670	0	87.2	53.3	115				
Benzo(a)anthracene	1.29	0.034	1.670	0	77.4	62.3	110				
Benzo(a)pyrene	1.39	0.034	1.670	0	83.0	58.2	109				
Benzo(b)fluoranthene	1.34	0.034	1.670	0	80.3	51.8	107				
Benzo(g,h,i)perylene	1.53	0.034	1.670	0	91.4	49.6	121				
Benzo(k)fluoranthene	1.46	0.034	1.670	0	87.4	63.1	129				
Bis(2-ethylhexyl)phthalate	1.59	0.350	1.670	0	95.0	56.3	109				
Chrysene	1.40	0.034	1.670	0	83.6	58.4	115				
Dibenzo(a,h)anthracene	1.51	0.034	1.670	0	90.4	54.9	120				
Diethyl phthalate	2.72	0.500	3.330	0	81.8	51.7	106				
Dimethyl phthalate	2.67	0.350	3.330	0	80.2	58.8	104				
Di-n-butyl phthalate	1.55	0.350	1.670	0	92.8	54.3	105				
Fluoranthene	1.48	0.034	1.670	0	88.5	61.6	113				
Fluorene	1.45	0.034	1.670	0	86.8	52.2	116				
Hexachlorobenzene	2.81	0.350	3.330	0	84.5	55.9	106				
Hexachlorobutadiene	2.59	0.500	3.330	0	77.6	35.7	100				
Hexachloroethane	2.49	0.500	3.330	0	74.8	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.51	0.034	1.670	0	90.3	52.7	115				
m,p-Cresol	1.45	0.500	1.670	0	86.9	37.6	93.7				
Naphthalene	1.38	0.034	1.670	0	82.4	45.7	101				
Nitrobenzene	2.47	0.500	3.330	0	74.2	51.8	104				
N-Nitroso-di-n-propylamine	1.37	0.500	1.670	0	82.2	49.1	94.5				
o-Cresol	1.71	0.500	1.670	0	102.1	43	101				S
Pentachlorophenol	3.03	2.00	3.330	0	91.0	42.2	102				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-64471</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>11/18/2010</b>		RunNo: <b>142750</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>64471</b>		<b>SW3550B</b>		Analysis Date: <b>11/19/2010</b>		SeqNo: <b>2798290</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.45	0.034	1.670	0	86.9	52.9	113				
Phenol	2.81	0.350	3.330	0	84.4	41.6	81.3				S
Pyrene	1.41	0.034	1.670	0	84.2	60.7	115				
Pyridine	1.93	0.500	3.330	0	57.9	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.58		1.670		94.4	52.1	113				
Surr: 2-Fluorobiphenyl	0.745		0.8350		89.2	46.3	106				
Surr: 2-Fluorophenol	1.31		1.670		78.3	50.6	89				
Surr: Nitrobenzene-d5	0.815		0.8350		97.5	42.4	99.2				
Surr: Phenol-d5	1.37		1.670		81.9	55.9	98.5				
Surr: p-Terphenyl-d14	0.786		0.8350		94.1	45.5	115				

Sample ID: <b>10110864-002BMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/18/2010</b>		RunNo: <b>142750</b>			
Client ID: <b>P-H4.5-F(19)MS</b>		Batch ID: <b>64471</b>		<b>SW3550B</b>		Analysis Date: <b>11/19/2010</b>		SeqNo: <b>2798293</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3.24	1.11	3.721	0	87.1	35.9	102				
1,4-Dichlorobenzene	2.89	1.11	3.721	0	77.6	29.8	95.5				
2,4,5-Trichlorophenol	5.50	0.780	7.420	0	74.2	38.6	123				
2,4,6-Trichlorophenol	6.47	0.780	7.420	0	87.2	35.9	123				
2,4-Dimethylphenol	5.03	1.11	7.420	0	67.8	38.3	88				
2,4-Dinitrophenol	4.49	2.23	7.420	0	60.5	1.88	162				
2,4-Dinitrotoluene	3.10	0.780	3.721	0	83.3	37.5	107				
2-Chlorophenol	5.91	1.11	7.420	0	79.6	22.6	108				
4-Chloro-3-methylphenol	6.28	1.11	7.420	0	84.6	19.3	131				
4-Nitrophenol	6.02	0.780	7.420	0	81.1	27.6	123				
Diethyl phthalate	5.86	1.11	7.420	0	79.0	51.7	106				
Dimethyl phthalate	5.73	0.780	7.420	0	77.2	58.8	104				
Di-n-butyl phthalate	3.14	0.780	3.721	0	84.4	54.3	105				
Hexachlorobenzene	6.10	0.780	7.420	0	82.2	55.9	106				
Hexachlorobutadiene	5.55	1.11	7.420	0	74.8	35.7	100				

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>10110864-002BMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/18/2010</b>		RunNo: <b>142750</b>			
Client ID: <b>P-H4.5-F(19)MS</b>		Batch ID: <b>64471</b>		<b>SW3550B</b>		Analysis Date: <b>11/19/2010</b>		SeqNo: <b>2798293</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	4.96	1.11	7.420	0	66.9	38.9	89.9				
m,p-Cresol	3.17	1.11	3.721	0	85.1	37.6	93.7				
Nitrobenzene	5.38	1.11	7.420	0	72.5	51.8	104				
N-Nitroso-di-n-propylamine	3.00	1.11	3.721	0	80.6	45.5	99.1				
o-Cresol	3.79	1.11	3.721	0	101.9	43	101				S
Pentachlorophenol	4.51	4.46	7.420	0	60.8	18.5	113				
Phenol	5.68	0.780	7.420	0	76.5	20.8	110				
Pyridine	4.20	1.11	7.420	0	56.6	3.61	74.3				
Surr: 2,4,6-Tribromophenol	2.67		3.721		71.7	32.7	130				
Surr: 2-Fluorobiphenyl	1.52		1.861		81.8	34.1	116				
Surr: 2-Fluorophenol	2.61		3.721		70.1	30.5	99				
Surr: Nitrobenzene-d5	1.73		1.861		93.2	34.1	101				
Surr: Phenol-d5	2.67		3.721		71.8	34.9	110				
Surr: p-Terphenyl-d14	1.68		1.861		90.4	41.7	124				

Sample ID: <b>10110864-002BMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/18/2010</b>		RunNo: <b>142750</b>			
Client ID: <b>P-H4.5-F(19)MSD</b>		Batch ID: <b>64471</b>		<b>SW3550B</b>		Analysis Date: <b>11/19/2010</b>		SeqNo: <b>2798294</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3.09	1.10	3.690	0	83.7	35.9	102	3.242	4.84	40	
1,4-Dichlorobenzene	2.75	1.10	3.690	0	74.5	29.8	95.5	2.888	4.95	40	
2,4,5-Trichlorophenol	5.94	0.773	7.357	0	80.7	38.6	123	5.504	7.57	40	
2,4,6-Trichlorophenol	6.05	0.773	7.357	0	82.3	35.9	123	6.472	6.70	40	
2,4-Dimethylphenol	5.22	1.10	7.357	0	71.0	38.3	88	5.029	3.78	40	
2,4-Dinitrophenol	4.56	2.21	7.357	0	62.0	1.88	162	4.488	1.56	40	
2,4-Dinitrotoluene	3.06	0.773	3.690	0	82.9	37.5	107	3.099	1.27	40	
2-Chlorophenol	5.64	1.10	7.357	0	76.7	22.6	108	5.909	4.59	40	
4-Chloro-3-methylphenol	6.15	1.10	7.357	0	83.5	19.3	131	6.278	2.14	40	
4-Nitrophenol	6.19	0.773	7.357	0	84.2	27.6	123	6.020	2.81	40	
Diethyl phthalate	5.86	1.10	7.357	0	79.6	51.7	106	5.863	0.0848	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: 10110864-002BMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 11/18/2010		RunNo: 142750			
Client ID: P-H4.5-F(19)MSD		Batch ID: 64471		SW3550B		Analysis Date: 11/19/2010		SeqNo: 2798294			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	5.96	0.773	7.357	0	81.0	58.8	104	5.728	3.96	40	
Di-n-butyl phthalate	3.34	0.773	3.690	0	90.5	54.3	105	3.140	6.11	40	
Hexachlorobenzene	6.08	0.773	7.357	0	82.7	55.9	106	6.103	0.310	40	
Hexachlorobutadiene	5.70	1.10	7.357	0	77.5	35.7	100	5.550	2.67	40	
Hexachloroethane	4.74	1.10	7.357	0	64.5	38.9	89.9	4.965	4.54	40	
m,p-Cresol	3.08	1.10	3.690	0	83.4	37.6	93.7	3.166	2.85	40	
Nitrobenzene	5.61	1.10	7.357	0	76.2	51.8	104	5.378	4.20	40	
N-Nitroso-di-n-propylamine	2.94	1.10	3.690	0	79.6	45.5	99.1	3.001	2.11	40	
o-Cresol	3.69	1.10	3.690	0	100.1	43	101	3.791	2.64	40	
Pentachlorophenol	4.75	4.42	7.357	0	64.5	18.5	113	4.510	5.13	40	
Phenol	5.64	0.773	7.357	0	76.7	20.8	110	5.678	0.620	40	
Pyridine	3.98	1.10	7.357	0	54.0	3.61	74.3	4.202	5.52	40	
Surr: 2,4,6-Tribromophenol	2.48		3.690		67.2	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	1.43		1.845		77.7	34.1	116		0	40	
Surr: 2-Fluorophenol	2.37		3.690		64.2	30.5	99		0	40	
Surr: Nitrobenzene-d5	1.62		1.845		87.7	34.1	101		0	40	
Surr: Phenol-d5	2.59		3.690		70.2	34.9	110		0	40	
Surr: p-Terphenyl-d14	1.50		1.845		81.4	41.7	124		0	40	

Sample ID: MB-64472		SampType: MBLK		Units: mg/Kg		Prep Date: 11/18/2010		RunNo: 142753			
Client ID: ZZZZZZ		Batch ID: 64472		SW3550B		Analysis Date: 11/19/2010		SeqNo: 2798221			
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 6240908012

Test Number: **SW8270C**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>MB-64472</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>11/18/2010</b>		RunNo: <b>142753</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64472</b>		<b>SW3550B</b>		Analysis Date: <b>11/19/2010</b>		SeqNo: <b>2798221</b>			
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	0.115		0.1670		69.0	31.6	101				
Surr: Nitrobenzene-d5	0.132		0.1670		78.8	22.2	110				
Surr: p-Terphenyl-d14	0.135		0.1670		80.7	34.5	120				

Sample ID: <b>LCS-64472</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>11/18/2010</b>		RunNo: <b>142753</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64472</b>		<b>SW3550B</b>		Analysis Date: <b>11/19/2010</b>		SeqNo: <b>2798222</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.159	0.003	0.1670	0	95.1	56.3	115				
Acenaphthylene	0.164	0.003	0.1670	0	98.2	60.3	143				
Anthracene	0.141	0.003	0.1670	0	84.6	52.1	109				
Benzo(a)anthracene	0.137	0.003	0.1670	0	81.9	52.8	112				
Benzo(a)pyrene	0.144	0.003	0.1670	0	86.2	40.8	127				
Benzo(b)fluoranthene	0.147	0.003	0.1670	0	88.2	50.1	150				
Benzo(g,h,i)perylene	0.147	0.003	0.1670	0	88.3	52.8	145				
Benzo(k)fluoranthene	0.148	0.003	0.1670	0	88.5	52	153				
Bis(2-ethylhexyl)phthalate	0.181	0.067	0.1670	0	108.2	50	150				
Chrysene	0.148	0.003	0.1670	0	88.9	60.8	128				
Dibenzo(a,h)anthracene	0.143	0.003	0.1670	0	85.4	54.9	150				
Fluoranthene	0.144	0.003	0.1670	0	86.2	58.7	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-64472</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142753</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64472</b>	<b>SW3550B</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798222</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	0.144	0.003	0.1670	0	86.3	57.8	125				
Indeno(1,2,3-cd)pyrene	0.146	0.003	0.1670	0	87.1	52	147				
Naphthalene	0.139	0.003	0.1670	0	83.3	54.8	113				
Phenanthrene	0.148	0.003	0.1670	0	88.4	60.4	121				
Pyrene	0.142	0.003	0.1670	0	85.3	57.9	129				
Surr: 2-Fluorobiphenyl	0.122		0.1670		73.2	31.6	101				
Surr: Nitrobenzene-d5	0.136		0.1670		81.2	22.2	110				
Surr: p-Terphenyl-d14	0.126		0.1670		75.6	34.5	120				

Sample ID: <b>10110864-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142753</b>
Client ID: <b>P-H4.5-F(19)MS</b>	Batch ID: <b>64472</b>	<b>SW3550B</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798225</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.314	0.007	0.3678	0	85.3	36	135				
Acenaphthylene	0.325	0.007	0.3678	0	88.3	17.2	167				
Anthracene	0.317	0.007	0.3678	0	86.3	39.3	124				
Benzo(a)anthracene	0.277	0.007	0.3678	0.007178	73.2	10	183				
Benzo(a)pyrene	0.313	0.007	0.3678	0	85.2	10	204				
Benzo(b)fluoranthene	0.297	0.007	0.3678	0	80.7	10.6	178				
Benzo(g,h,i)perylene	0.316	0.007	0.3678	0	85.9	10	168				
Benzo(k)fluoranthene	0.299	0.007	0.3678	0	81.2	27.6	181				
Bis(2-ethylhexyl)phthalate	0.365	0.148	0.3678	0	99.2	50	150				
Chrysene	0.312	0.007	0.3678	0	84.8	10	176				
Dibenzo(a,h)anthracene	0.311	0.007	0.3678	0	84.6	12.2	156				
Fluoranthene	0.311	0.007	0.3678	0	84.6	10	227				
Fluorene	0.292	0.007	0.3678	0	79.4	35.2	148				
Indeno(1,2,3-cd)pyrene	0.309	0.007	0.3678	0	84.0	10	164				
Naphthalene	0.282	0.007	0.3678	0	76.6	14.7	128				
Phenanthrene	0.343	0.007	0.3678	0.01570	89.1	32.8	143				
Pyrene	0.319	0.007	0.3678	0	86.7	10	180				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>10110864-002BMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/18/2010</b>		RunNo: <b>142753</b>			
Client ID: <b>P-H4.5-F(19)MS</b>		Batch ID: <b>64472</b>		<b>SW3550B</b>		Analysis Date: <b>11/19/2010</b>		SeqNo: <b>2798225</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.226		0.3678		61.4	10	131				
Surr: Nitrobenzene-d5	0.240		0.3678		65.3	10	132				
Surr: p-Terphenyl-d14	0.278		0.3678		75.6	30.6	131				

Sample ID: <b>10110864-002BMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/18/2010</b>		RunNo: <b>142753</b>			
Client ID: <b>P-H4.5-F(19)MSD</b>		Batch ID: <b>64472</b>		<b>SW3550B</b>		Analysis Date: <b>11/19/2010</b>		SeqNo: <b>2798226</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.347	0.008	0.3699	0	93.7	36	135	0.3136	10.0	49.7	
Acenaphthylene	0.360	0.008	0.3699	0	97.4	17.2	167	0.3246	10.4	33.3	
Anthracene	0.330	0.008	0.3699	0	89.3	39.3	124	0.3175	3.97	51.1	
Benzo(a)anthracene	0.303	0.008	0.3699	0.007178	80.0	10	183	0.2765	9.15	40.6	
Benzo(a)pyrene	0.358	0.008	0.3699	0	96.8	10	204	0.3134	13.3	56.4	
Benzo(b)fluoranthene	0.358	0.008	0.3699	0	96.9	10.6	178	0.2968	18.8	49.7	
Benzo(g,h,i)perylene	0.358	0.008	0.3699	0	96.8	10	168	0.3159	12.5	36.5	
Benzo(k)fluoranthene	0.342	0.008	0.3699	0	92.4	27.6	181	0.2986	13.4	42.6	
Bis(2-ethylhexyl)phthalate	0.405	0.148	0.3699	0	109.4	50	150	0.3649	10.3	60.3	
Chrysene	0.360	0.008	0.3699	0	97.3	10	176	0.3120	14.2	45.1	
Dibenzo(a,h)anthracene	0.336	0.008	0.3699	0	90.7	12.2	156	0.3110	7.60	39.9	
Fluoranthene	0.342	0.008	0.3699	0	92.4	10	227	0.3110	9.43	66.2	
Fluorene	0.344	0.008	0.3699	0	93.0	35.2	148	0.2919	16.4	65.6	
Indeno(1,2,3-cd)pyrene	0.343	0.008	0.3699	0	92.8	10	164	0.3089	10.5	36.5	
Naphthalene	0.288	0.008	0.3699	0	77.7	14.7	128	0.2819	1.98	39.6	
Phenanthrene	0.354	0.008	0.3699	0.01570	91.3	32.8	143	0.3434	2.93	35.4	
Pyrene	0.337	0.008	0.3699	0	91.0	10	180	0.3187	5.46	60.1	
Surr: 2-Fluorobiphenyl	0.226		0.3699		61.0	10	131		0	40	
Surr: Nitrobenzene-d5	0.234		0.3699		63.2	10	132		0	40	
Surr: p-Terphenyl-d14	0.291		0.3699		78.7	30.6	131		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>MB-64472</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142803</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64472</b>	<b>SW3550B</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2799735</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	0.119		0.1670		71.3	31.6	101				
Surr: 2-Fluorophenol	0.250		0.3330		75.1	42.2	90.4				
Surr: Nitrobenzene-d5	0.122		0.1670		72.9	22.2	110				
Surr: Phenol-d5	0.282		0.3330		84.6	44.6	93.7				
Surr: p-Terphenyl-d14	0.152		0.1670		91.2	34.5	120				

Sample ID: <b>LCS-64472</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142803</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64472</b>	<b>SW3550B</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2799736</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	0.106	0.030	0.1670	0	63.6	50	150				
2-Methylnaphthalene	0.129	0.003	0.1670	0	77.3	50	150				
Acenaphthene	0.129	0.003	0.1670	0	77.4	56.3	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>LCS-64472</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/18/2010</b>	RunNo: <b>142803</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64472</b>	<b>SW3550B</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2799736</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthylene	0.137	0.003	0.1670	0	82.3	60.3	143				
Anthracene	0.127	0.003	0.1670	0	75.9	52.1	109				
Benzo(a)anthracene	0.115	0.003	0.1670	0	68.9	52.8	112				
Benzo(a)pyrene	0.123	0.003	0.1670	0	73.4	40.8	127				
Benzo(b)fluoranthene	0.133	0.003	0.1670	0	79.5	50.1	150				
Benzo(g,h,i)perylene	0.133	0.003	0.1670	0	79.6	52.8	145				
Benzo(k)fluoranthene	0.130	0.003	0.1670	0	77.9	52	153				
Bis(2-ethylhexyl)phthalate	0.164	0.067	0.1670	0	98.4	50	150				
Carbazole	0.165	0.030	0.1670	0	98.6	50	150				
Chrysene	0.133	0.003	0.1670	0	79.5	60.8	128				
Dibenzo(a,h)anthracene	0.131	0.003	0.1670	0	78.2	54.9	150				
Dibenzofuran	0.120	0.030	0.1670	0	71.8	50	150				
Diethyl phthalate	0.136	0.034	0.1670	0	81.4	50	150				
Dimethyl phthalate	0.144	0.034	0.1670	0	86.3	50	150				
Di-n-butyl phthalate	0.142	0.034	0.1670	0	85.0	50	150				
Fluoranthene	0.133	0.003	0.1670	0	79.6	58.7	125				
Fluorene	0.126	0.003	0.1670	0	75.4	57.8	125				
Indeno(1,2,3-cd)pyrene	0.130	0.003	0.1670	0	78.0	52	147				
m,p-Cresol	0.137	0.010	0.1670	0	82.2	50	150				
Naphthalene	0.122	0.003	0.1670	0	72.9	54.8	113				
o-Cresol	0.132	0.003	0.1670	0	78.8	50	150				
Phenanthrene	0.130	0.003	0.1670	0	78.0	60.4	121				
Phenol	0.133	0.030	0.1670	0	79.6	50	150				
Pyrene	0.134	0.003	0.1670	0	80.0	57.9	129				
Surr: 2,4,6-Tribromophenol	0		0.3330		0	56.3	143				S
Surr: 2-Fluorobiphenyl	0.595		0.8330		71.4	31.6	101				
Surr: 2-Fluorophenol	1.17		1.670		69.8	42.2	90.4				
Surr: Nitrobenzene-d5	0.653		0.8330		78.4	22.2	110				
Surr: Phenol-d5	1.31		1.670		78.7	44.6	93.7				
Surr: p-Terphenyl-d14	0.704		0.8330		84.5	34.5	120				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW9012A (TCN) Solid

Lab Order: 10110864

Report Date: 22-Nov-10

Sample ID: <b>MB-R142764</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>142764</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142764</b>		Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798653</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-R142764</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>142764</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142764</b>		Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798654</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.03 0.01 0.02500 0 104.9 85 115

Sample ID: <b>LCS-R142764</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>142764</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142764</b>		Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798655</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.02 0.01 0.02500 0 98.8 85 115

Sample ID: <b>10110864-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>142764</b>							
Client ID: <b>P6-F4-F(19)MS</b>	Batch ID: <b>R142764</b>		Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798673</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.44 0.56 1.389 0 104.1 75 125

Sample ID: <b>10110864-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>142764</b>							
Client ID: <b>P6-F4-F(19)MSD</b>	Batch ID: <b>R142764</b>		Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798674</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.40 0.56 1.389 0 101.1 75 125 1.445 2.91 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 6240908012

**Lab Order:** 10110864

**Report Date:** 22-Nov-10


Carrier: Sean Spinner

Received By: EAH

Completed by:

On:


18-Nov-10

  
Timothy W. Mathis

Reviewed by:

On:

18-Nov-10

  
Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 2.2
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input 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 - 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.

P6-G4.5-F(19) is labeled as P6-H4.5-F(19) on the sample containers. Per Jason Crompton, report as P6-H4.5-F(19). TWM 11/18/10



# 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

0110864-001  
 544  
 11/8/10

COC Serial No. **B** 09953

Project Name: AMELEN CHAMPAIGN Project Mgr.: P. Szamko  
 Project Number: 624-0908-0120 Cost Code: J002  
 Sampler(s): J. Crompton  
 Laboratory Name: Teklab  
 Location: Collinsville

Analyses by Method Name and Number		Total Number of Containers	Lab ID #'s
Method Name	Number		
VOCs 826	X	9	* RUSH * 1010864-001
SOCs 870	X	9	
SOCs 870 Sims	X	9	
PCRA Metals	X	9	
Total Ammonia Cyanide	X	9	
TPH 04-1	X	9	
Herbicides	X	9	
Pesticides	X	9	
PCBs	X	9	

LABORATORY RECEIPT  
 USED TO FROM  
 SAMPLE CONCENTRATED  
 PER J. CROMPTON  
 TUE 11/17/10  
 2.2°C

Sample Number and (depth)	Date	Time	Matrix			
			Soil	Water	Air	Wipes
P6-F4-F(19)	11/17/10	0835	X			
P6-F5.5-W(3)		0845	X			
P6-F5.5-W(8)		0900	X			
P6-F5.5-W(16)		0912	X			
P6-H4.5-F(19)		1240	X			
P6-G5.5-W(3)		1255	X			
P6-G5.5-W(8)		1315	X			
P6-G5.5-W(16)		1325	X			
P6-H5.5-W(3)	11/18/10	0750	X			
P6-H5.5-W(8)		0805	X			
P6-H5.5-W(16)		0825	X			

**1 DAY**

Teklab, Inc.  
 Courier PickUp

**Samples Iced:**  Yes  No

Preservatives (ONLY for Water Samples)

- Volatile Organics ..... Hydrochloric acid (HCl)
- VOC Soil (5035) ..... Sodium Bisulfate/Methanol
- TPH ..... Hydrochloric acid and/or Sulfuric acid (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: Seaman and H. Hooper

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

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

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

Reporting Limits:  Normal TAT on separate WO# 284 11/18/10

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

**Shipping:**

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

Signature \_\_\_\_\_

Date 11/18/10 Time 1400

**Relinquished by:**

Signature \_\_\_\_\_

Date 11/18/10 Time 1015

**Received by:**

Signature \_\_\_\_\_

Date 11/18/10 Time 1015

Signature \_\_\_\_\_

Date 11/18/10 Time 1400

December 13, 2010

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  
6240908012

**WorkOrder:** 10110865

Dear Pete Sazama:

TEKLAB, INC received 9 samples on 11/18/2010 2:00:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. 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 6240908012

**Lab Order:** 10110865

**Report Date:** 13-Dec-10

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10110865-001	P6-F5.5-W(3)	6	11/17/2010 8:45:00 AM
10110865-002	P6-F5.5-W(8)	5	11/17/2010 9:00:00 AM
10110865-003	P6-F5.5-W(16)	5	11/17/2010 9:12:00 AM
10110865-004	P6-G5.5-W(3)	5	11/17/2010 12:55:00 PM
10110865-005	P6-G5.5-W(8)	5	11/17/2010 1:15:00 PM
10110865-006	P6-G5.5-W(16)	5	11/17/2010 1:25:00 PM
10110865-007	P6-H5.5-W(3)	6	11/18/2010 7:50:00 AM
10110865-008	P6-H5.5-W(8)	5	11/18/2010 8:05:00 AM
10110865-009	P6-H5.5-W(16)	5	11/18/2010 8:25:00 AM



ENVIRONMENTAL TESTING LABORATORY

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**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

**Project:** A831-735002-012901-225/Ameren Champaign 6240908012

**LabOrder:** 10110865

**Report Date:** 13-Dec-10

**Cooler Receipt Temp:** 1.0 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0 | LA: NELAP #166493

### 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:** 10110865

**Lab ID:** 10110865-001

**Report Date:** 13-Dec-10

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

**Client Sample ID:** P6-F5.5-W(3)

**Collection Date:** 11/17/2010 8:45:00 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		20.3	%	1	11/19/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		79.7	%	1	11/19/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	4.90		9.55	mg/Kg-dry	2	11/22/2010 3:45:12 PM	JMW
Barium	NELAP	0.98		158	mg/Kg-dry	2	11/22/2010 3:45:12 PM	JMW
Cadmium	NELAP	0.39		< 0.39	mg/Kg-dry	2	11/22/2010 3:45:12 PM	JMW
Chromium	NELAP	1.96		20.3	mg/Kg-dry	2	11/22/2010 3:45:12 PM	JMW
Lead	NELAP	7.84		13.8	mg/Kg-dry	2	11/22/2010 3:45:12 PM	JMW
Silver	NELAP	1.08		< 1.08	mg/Kg-dry	2	11/22/2010 3:45:12 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.545		< 0.545	mg/Kg-dry	1	11/22/2010 5:51:48 PM	MEK
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>								
4,4'-DDD	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
4,4'-DDE	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
4,4'-DDT	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Alachlor	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Aldrin	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
alpha-BHC	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
alpha-Chlordane	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
beta-BHC	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Chlordane	NELAP	4.17		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
delta-BHC	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Dieldrin	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Endosulfan I	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Endosulfan II	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Endosulfan sulfate	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Endrin	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Endrin aldehyde	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Endrin ketone	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
gamma-BHC	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
gamma-Chlordane	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Heptachlor	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Heptachlor epoxide	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Methoxychlor	NELAP	2.08		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Toxaphene	NELAP	37.4		ND	µg/Kg-dry	1	11/22/2010 3:51:00 PM	MAV
Surr: Decachlorobiphenyl		48-149		117.1	%REC	1	11/22/2010 3:51:00 PM	MAV
Surr: Tetrachloro-m-xylene		19-145		71.2	%REC	1	11/22/2010 3:51:00 PM	MAV

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(3)  
**Collection Date:** 11/17/2010 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								
Aroclor 1016	NELAP	46.8		ND	µg/Kg-dry	1	11/22/2010 4:00:00 PM	MAV
Aroclor 1221	NELAP	46.8		ND	µg/Kg-dry	1	11/22/2010 4:00:00 PM	MAV
Aroclor 1232	NELAP	46.8		ND	µg/Kg-dry	1	11/22/2010 4:00:00 PM	MAV
Aroclor 1242	NELAP	46.8		ND	µg/Kg-dry	1	11/22/2010 4:00:00 PM	MAV
Aroclor 1248	NELAP	46.8		ND	µg/Kg-dry	1	11/22/2010 4:00:00 PM	MAV
Aroclor 1254	NELAP	46.8		ND	µg/Kg-dry	1	11/22/2010 4:00:00 PM	MAV
Aroclor 1260	NELAP	46.8		ND	µg/Kg-dry	1	11/22/2010 4:00:00 PM	MAV
Surr: Decachlorobiphenyl		5-156		80.7	%REC	1	11/22/2010 4:00:00 PM	MAV
Surr: Tetrachloro-meta-xylene		7.35-123		71.9	%REC	1	11/22/2010 4:00:00 PM	MAV
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.012	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Acenaphthylene	NELAP	0.004		0.013	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		0.006	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.084		ND	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Fluoranthene	NELAP	0.004		0.006	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Fluorene	NELAP	0.004	J	0.004	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Naphthalene	NELAP	0.004		0.005	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Phenanthrene	NELAP	0.004		0.006	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Pyrene	NELAP	0.004		0.023	mg/Kg-dry	1	11/23/2010 4:39:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		59.0	%REC	1	11/23/2010 4:39:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		77.4	%REC	1	11/23/2010 4:39:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		72.7	%REC	1	11/23/2010 4:39:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(3)  
**Collection Date:** 11/17/2010 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-Dimethylphenol	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.25		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
2-Chloronaphthalene	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
2-Chlorophenol	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
2-Methoxy-4-methylphenol		0.810		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
2-Methylnaphthalene	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
2-Nitroaniline	NELAP	1.25		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
2-Nitrophenol	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 3:27:00 PM	DMH
3-Nitroaniline	NELAP	1.25		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.25		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
4-Chloroaniline	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
4-Nitroaniline	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
4-Nitrophenol	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Aniline	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Azobenzene		0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Benzidine	NELAP	1.32		see note	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Benzoic acid	NELAP	1.87		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Benzyl alcohol	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Carbazole		0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Dibenzofuran	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Diethyl phthalate	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Dimethyl phthalate	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Hexachlorobenzene	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Hexachlorobutadiene	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Hexachloroethane	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(3)  
**Collection Date:** 11/17/2010 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>								
Isophorone	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
m,p-Cresol	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Nitrobenzene	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
o-Cresol	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Pentachlorophenol	NELAP	2.49		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Phenol	NELAP	0.436		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Pyridine	NELAP	0.623		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
1,2-Diphenylhydrazine		1.05		ND	mg/Kg-dry	1	12/2/2010 10:30:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		94.6	%REC	1	12/2/2010 10:30:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		86.8	%REC	1	12/2/2010 10:30:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		69.8	%REC	1	12/2/2010 10:30:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.6	%REC	1	12/2/2010 10:30:00 AM	DMH
Surr: Phenol-d5		34.9-110		77.9	%REC	1	12/2/2010 10:30:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		87.5	%REC	1	12/2/2010 10:30:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,1-Dichloro-2-propanone		49.7		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,1-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,1-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,1-Dichloropropene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,2,3-Trichloropropane	NELAP	9.9		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,2,3-Trimethylbenzene		5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,2-Dibromoethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,2-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(3)  
**Collection Date:** 11/17/2010 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>								
1,3-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,3-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
1-Chlorobutane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
2,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
2-Butanone	NELAP	49.7		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
2-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
2-Hexanone	NELAP	49.7		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
2-Nitropropane	NELAP	49.7		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
4-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
4-Methyl-2-pentanone	NELAP	49.7		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Acetone	NELAP	49.7	J	17	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Acrolein	NELAP	99.4		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Acrylonitrile	NELAP	9.9		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Allyl chloride	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Benzene	NELAP	1.0		1.1	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Bromobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Bromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Bromodichloromethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Bromoform	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Bromomethane	NELAP	9.9		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Carbon disulfide	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Carbon tetrachloride	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Chlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Chloroethane	NELAP	9.9		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Chloroform	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Chloromethane	NELAP	9.9		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Cyclohexanone		99.4		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Dibromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Dibromomethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Dichlorodifluoromethane	NELAP	9.9		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Ethyl acetate	NELAP	49.7		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Ethyl ether	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Ethyl methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Ethylbenzene	NELAP	5.0	J	1.0	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Heptane		19.9		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(3)  
**Collection Date:** 11/17/2010 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>								
Hexachlorobutadiene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Hexachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Iodomethane	NELAP	9.9		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Isopropylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
m,p-Xylenes	NELAP	5.0	J	2.5	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Methacrylonitrile	NELAP	49.7		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Methyl Methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Methylacrylate		9.9		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Methylene chloride	NELAP	5.0	J	1.5	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Naphthalene	NELAP	9.9		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
n-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
n-Hexane		19.9		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Nitrobenzene	NELAP	99.4		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
n-Propylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
o-Xylene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Pentachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
p-Isopropyltoluene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Propionitrile	NELAP	49.7		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
sec-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Styrene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
tert-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Tetrachloroethene	NELAP	5.0	J	1.9	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Tetrahydrofuran	NELAP	49.7		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Toluene	NELAP	5.0	J	2.6	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Trichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Trichlorofluoromethane	NELAP	5.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Vinyl acetate	NELAP	49.7		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Vinyl chloride	NELAP	2.0		ND	µg/Kg-dry	1	11/19/2010 1:22:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		123.2	%REC	1	11/19/2010 1:22:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		92.6	%REC	1	11/19/2010 1:22:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		112.1	%REC	1	11/19/2010 1:22:00 PM	RWE
Surr: Toluene-d8		86-116		102.5	%REC	1	11/19/2010 1:22:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		0.033	mg/Kg-dry	1	11/22/2010	MEK
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(3)  
**Collection Date:** 11/17/2010 8:45:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								
2,4,5-T	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
2,4,5-TP (Silvex)	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
2,4-D	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
2,4-DB	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
3,5-Dichlorobenzoic Acid	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
Acifluorfen	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
Bentazon	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
Chloramben	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
Dalapon	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
DCPA	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
Dicamba	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
Dichlorprop	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
Dinoseb	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
Pentachlorophenol	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
Picloram	NELAP	0.05	H	ND	mg/Kg-dry	1	12/6/2010 7:35:00 PM	SUB
Surr: DCAA		50-136	H	58.6	%REC	1	12/6/2010 7:35:00 PM	SUB
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.51		< 2.51	mg/Kg-dry	4	11/22/2010 3:19:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.62	J	0.50	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS

### Sample Narrative

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

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

SW-846 8151A, Chlorinated Herbicides by GC/ECD

The original extraction of this sample yielded QC recoveries outside acceptance criteria. It was re-extracted after the recommended maximum holding time.

The blank spike recovery was outside acceptance limits. Batch accepted based on acceptable MS/MSD/RPD results.

Analysis performed by Keystone Laboratories, Inc.

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

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



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10110865

**Client Sample ID:** P6-F5.5-W(8)

**Lab ID:** 10110865-002

**Collection Date:** 11/17/2010 9:00:00 AM

**Report Date:** 13-Dec-10

**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		18.8	%	1	11/19/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		81.2	%	1	11/19/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.31		4.26	mg/Kg-dry	1	11/24/2010 9:44:47 AM	JMW
Barium	NELAP	0.46		36.6	mg/Kg-dry	1	11/22/2010 3:06:50 PM	JMW
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	11/22/2010 3:06:50 PM	JMW
Chromium	NELAP	0.93		19.0	mg/Kg-dry	1	11/22/2010 3:06:50 PM	JMW
Lead	NELAP	3.70		12.0	mg/Kg-dry	1	11/22/2010 3:06:50 PM	JMW
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	11/22/2010 3:06:50 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.556		< 0.556	mg/Kg-dry	1	11/23/2010 9:35:50 AM	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	11/23/2010 5:15:00 PM	DMH
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		0.006	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.082		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:15:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		66.7	%REC	1	11/23/2010 5:15:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		84.1	%REC	1	11/23/2010 5:15:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		70.4	%REC	1	11/23/2010 5:15:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(8)  
**Collection Date:** 11/17/2010 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	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.23		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
2-Chloronaphthalene	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
2-Chlorophenol	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
2-Methoxy-4-methylphenol		0.797		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
2-Methylnaphthalene	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
2-Nitroaniline	NELAP	1.23		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
2-Nitrophenol	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
3-Nitroaniline	NELAP	1.23		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.23		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
4-Chloroaniline	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
4-Nitroaniline	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
4-Nitrophenol	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Aniline	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Azobenzene		0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Benzidine	NELAP	1.29		see note	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Benzoic acid	NELAP	1.84		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Benzyl alcohol	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Carbazole		0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Dibenzofuran	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Diethyl phthalate	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Dimethyl phthalate	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Hexachlorobenzene	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(8)  
**Collection Date:** 11/17/2010 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	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Hexachloroethane	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Isophorone	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
m,p-Cresol	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Nitrobenzene	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
o-Cresol	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Pentachlorophenol	NELAP	2.45		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Phenol	NELAP	0.429		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Pyridine	NELAP	0.613		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
1,2-Diphenylhydrazine		1.03		ND	mg/Kg-dry	1	12/2/2010 11:03:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		100.1	%REC	1	12/2/2010 11:03:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		86.6	%REC	1	12/2/2010 11:03:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		78.8	%REC	1	12/2/2010 11:03:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		69.8	%REC	1	12/2/2010 11:03:00 AM	DMH
Surr: Phenol-d5		34.9-110		85.9	%REC	1	12/2/2010 11:03:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		81.3	%REC	1	12/2/2010 11:03:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,1-Dichloro-2-propanone		45.9		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,1-Dichloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,1-Dichloroethene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,1-Dichloropropene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,2,3-Trichloropropane	NELAP	9.2		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,2,3-Trimethylbenzene		4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,2-Dibromoethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(8)  
**Collection Date:** 11/17/2010 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>								
1,2-Dichloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,2-Dichloropropane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,3-Dichloropropane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
1-Chlorobutane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
2,2-Dichloropropane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
2-Butanone	NELAP	45.9		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
2-Chlorotoluene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
2-Hexanone	NELAP	45.9		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
2-Nitropropane	NELAP	45.9		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
4-Chlorotoluene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
4-Methyl-2-pentanone	NELAP	45.9		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Acetone	NELAP	45.9	J	16	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Acrolein	NELAP	91.7		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Acrylonitrile	NELAP	9.2		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Allyl chloride	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Benzene	NELAP	0.9		5.4	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Bromobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Bromochloromethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Bromodichloromethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Bromoform	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Bromomethane	NELAP	9.2		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Carbon disulfide	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Carbon tetrachloride	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Chlorobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Chloroethane	NELAP	9.2		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Chloroform	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Chloromethane	NELAP	9.2		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Cyclohexanone		91.7		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Dibromochloromethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Dibromomethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Dichlorodifluoromethane	NELAP	9.2		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Ethyl acetate	NELAP	45.9		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Ethyl ether	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(8)  
**Collection Date:** 11/17/2010 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	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Ethylbenzene	NELAP	4.6	J	2.2	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Heptane		18.3		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Hexachlorobutadiene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Hexachloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Iodomethane	NELAP	9.2		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Isopropylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
m,p-Xylenes	NELAP	4.6		5.5	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Methacrylonitrile	NELAP	45.9		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Methyl Methacrylate	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Methyl tert-butyl ether	NELAP	1.8		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Methylacrylate		9.2		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Methylene chloride	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Naphthalene	NELAP	9.2		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
n-Butylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
n-Hexane		18.3	J	5.4	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Nitrobenzene	NELAP	91.7		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
n-Propylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
o-Xylene	NELAP	4.6	J	1.7	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Pentachloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
p-Isopropyltoluene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Propionitrile	NELAP	45.9		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
sec-Butylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Styrene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
tert-Butylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Tetrachloroethene	NELAP	4.6	J	1.0	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Tetrahydrofuran	NELAP	45.9		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Toluene	NELAP	4.6		6.2	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Trichloroethene	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Trichlorofluoromethane	NELAP	4.6		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Vinyl acetate	NELAP	45.9		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Vinyl chloride	NELAP	1.8		ND	µg/Kg-dry	1	11/22/2010 1:04:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		116.1	%REC	1	11/22/2010 1:04:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		86.1	%REC	1	11/22/2010 1:04:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		110.1	%REC	1	11/22/2010 1:04:00 PM	RWE
Surr: Toluene-d8		86-116		109.1	%REC	1	11/22/2010 1:04:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(8)  
**Collection Date:** 11/17/2010 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	0.012	J	<b>0.009</b>	mg/Kg-dry	1	11/22/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.615		<b>&lt; 0.615</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.58		<b>&lt; 0.58</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS

### Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10110865

**Client Sample ID:** P6-F5.5-W(16)

**Lab ID:** 10110865-003

**Collection Date:** 11/17/2010 9:12:00 AM

**Report Date:** 13-Dec-10

**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		9.4	%	1	11/19/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		90.6	%	1	11/19/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.60	mg/Kg-dry	1	11/22/2010 3:12:26 PM	JMW
Barium	NELAP	0.48		16.6	mg/Kg-dry	1	11/22/2010 3:12:26 PM	JMW
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	11/22/2010 3:12:26 PM	JMW
Chromium	NELAP	0.96		17.2	mg/Kg-dry	1	11/22/2010 3:12:26 PM	JMW
Lead	NELAP	3.85		10.5	mg/Kg-dry	1	11/22/2010 3:12:26 PM	JMW
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	11/22/2010 3:12:26 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	< 0.577	mg/Kg-dry	1	11/22/2010 6:05:24 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.004	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		0.007	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Chrysene	NELAP	0.004		0.005	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Fluorene	NELAP	0.004	J	0.003	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Phenanthrene	NELAP	0.004		0.014	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	11/23/2010 5:51:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		62.6	%REC	1	11/23/2010 5:51:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		79.9	%REC	1	11/23/2010 5:51:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		76.0	%REC	1	11/23/2010 5:51:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(16)  
**Collection Date:** 11/17/2010 9:12:00 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	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.10		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
2-Chloronaphthalene	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
2-Chlorophenol	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
2-Methoxy-4-methylphenol		0.716		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
2-Methylnaphthalene	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
2-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
2-Nitrophenol	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
3-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.10		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
4-Chloroaniline	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
4-Nitroaniline	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
4-Nitrophenol	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Aniline	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Azobenzene		0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Benzidine	NELAP	1.16		see note	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Benzoic acid	NELAP	1.65		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Benzyl alcohol	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Carbazole		0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Dibenzofuran	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Diethyl phthalate	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Dimethyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Hexachlorobenzene	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(16)  
**Collection Date:** 11/17/2010 9:12:00 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	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Hexachloroethane	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Isophorone	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
m,p-Cresol	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Nitrobenzene	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
o-Cresol	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Pentachlorophenol	NELAP	2.20		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Phenol	NELAP	0.386		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Pyridine	NELAP	0.551		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
1,2-Diphenylhydrazine		0.926		ND	mg/Kg-dry	1	12/2/2010 11:36:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		73.2	%REC	1	12/2/2010 11:36:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		87.4	%REC	1	12/2/2010 11:36:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		73.8	%REC	1	12/2/2010 11:36:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		70.6	%REC	1	12/2/2010 11:36:00 AM	DMH
Surr: Phenol-d5		34.9-110		84.5	%REC	1	12/2/2010 11:36:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		87.2	%REC	1	12/2/2010 11:36:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,1,1-Trichloroethane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,1,2-Trichloroethane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,1-Dichloro-2-propanone		97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,1-Dichloroethane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,1-Dichloroethene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,1-Dichloropropene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,2,3-Trichloropropane	NELAP	195		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,2,3-Trimethylbenzene		97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,2-Dibromoethane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,2-Dichlorobenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(16)  
**Collection Date:** 11/17/2010 9:12:00 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	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,2-Dichloropropane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,3-Dichlorobenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,3-Dichloropropane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1,4-Dichlorobenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
1-Chlorobutane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
2,2-Dichloropropane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
2-Butanone	NELAP	973		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
2-Chlorotoluene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
2-Hexanone	NELAP	973		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
2-Nitropropane	NELAP	973		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
4-Chlorotoluene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
4-Methyl-2-pentanone	NELAP	973		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Acetone	NELAP	973		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Acrolein	NELAP	1950		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Acrylonitrile	NELAP	195		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Allyl chloride	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Benzene	NELAP	19.5		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Bromobenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Bromochloromethane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Bromodichloromethane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Bromoform	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Bromomethane	NELAP	195		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Carbon disulfide	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Carbon tetrachloride	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Chlorobenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Chloroethane	NELAP	195		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Chloroform	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Chloromethane	NELAP	195		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	77.8		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Cyclohexanone		1950		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Dibromochloromethane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Dibromomethane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Dichlorodifluoromethane	NELAP	195		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Ethyl acetate	NELAP	973	J	240	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Ethyl ether	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(16)  
**Collection Date:** 11/17/2010 9:12:00 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	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Ethylbenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Heptane		389		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Hexachlorobutadiene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Hexachloroethane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Iodomethane	NELAP	195		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Isopropylbenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
m,p-Xylenes	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Methacrylonitrile	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Methyl Methacrylate	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Methyl tert-butyl ether	NELAP	38.9		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Methylacrylate		195		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Methylene chloride	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Naphthalene	NELAP	195		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
n-Butylbenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
n-Hexane		389		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Nitrobenzene	NELAP	1950		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
n-Propylbenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
o-Xylene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Pentachloroethane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
p-Isopropyltoluene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Propionitrile	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
sec-Butylbenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Styrene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
tert-Butylbenzene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Tetrachloroethene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Tetrahydrofuran	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Toluene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	77.8		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Trichloroethene	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Trichlorofluoromethane	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Vinyl acetate	NELAP	97.3		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Vinyl chloride	NELAP	38.9		ND	µg/Kg-dry	12.5	11/23/2010 10:06:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		99.0	%REC	12.5	11/23/2010 10:06:00 AM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		98.5	%REC	12.5	11/23/2010 10:06:00 AM	RWE
Surr: Dibromofluoromethane		77.7-120		101.8	%REC	12.5	11/23/2010 10:06:00 AM	RWE
Surr: Toluene-d8		86-116		100.1	%REC	12.5	11/23/2010 10:06:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-F5.5-W(16)  
**Collection Date:** 11/17/2010 9:12:00 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	11/22/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.552		<b>&lt; 0.552</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.55		<b>&lt; 0.55</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS

### Sample Narrative

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

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

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

Elevated reporting limit due to matrix interference.

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:** 10110865

**Client Sample ID:** P6-G5.5-W(3)

**Lab ID:** 10110865-004

**Collection Date:** 11/17/2010 12:55:00 PM

**Report Date:** 13-Dec-10

**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		18.8	%	1	11/19/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		81.2	%	1	11/19/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		4.49	mg/Kg-dry	1	11/22/2010 3:29:11 PM	JMW
Barium	NELAP	0.48		143	mg/Kg-dry	1	11/22/2010 3:29:11 PM	JMW
Cadmium	NELAP	0.19	J	0.14	mg/Kg-dry	1	11/22/2010 3:29:11 PM	JMW
Chromium	NELAP	0.96		25.7	mg/Kg-dry	1	11/22/2010 3:29:11 PM	JMW
Lead	NELAP	3.85		17.1	mg/Kg-dry	1	11/22/2010 3:29:11 PM	JMW
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	11/22/2010 3:29:11 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.566	< 0.566	mg/Kg-dry	1	11/22/2010 6:08:46 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	11/23/2010 6:27:00 PM	DMH
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.082		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 6:27:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		59.1	%REC	1	11/23/2010 6:27:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		75.4	%REC	1	11/23/2010 6:27:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		78.6	%REC	1	11/23/2010 6:27:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-004  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(3)  
**Collection Date:** 11/17/2010 12:55:00 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>								
2,4,5-Trichlorophenol	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.22		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
2-Chloronaphthalene	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
2-Chlorophenol	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
2-Methoxy-4-methylphenol		0.795		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
2-Methylnaphthalene	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
2-Nitroaniline	NELAP	1.22		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
2-Nitrophenol	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
3-Nitroaniline	NELAP	1.22		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.22		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
4-Chloroaniline	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
4-Nitroaniline	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
4-Nitrophenol	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Aniline	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Azobenzene		0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Benzidine	NELAP	1.29		see note	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Benzoic acid	NELAP	1.83		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Benzyl alcohol	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Carbazole		0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Dibenzofuran	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Diethyl phthalate	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Dimethyl phthalate	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Hexachlorobenzene	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-004  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(3)  
**Collection Date:** 11/17/2010 12:55:00 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	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Hexachloroethane	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Isophorone	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
m,p-Cresol	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Nitrobenzene	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
o-Cresol	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Pentachlorophenol	NELAP	2.44		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Phenol	NELAP	0.428		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Pyridine	NELAP	0.611		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
1,2-Diphenylhydrazine		1.03		ND	mg/Kg-dry	1	12/2/2010 1:18:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		85.8	%REC	1	12/2/2010 1:18:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		78.5	%REC	1	12/2/2010 1:18:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		66.9	%REC	1	12/2/2010 1:18:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.6	%REC	1	12/2/2010 1:18:00 AM	DMH
Surr: Phenol-d5		34.9-110		76.0	%REC	1	12/2/2010 1:18:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		80.1	%REC	1	12/2/2010 1:18:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,1-Dichloro-2-propanone		46.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,1-Dichloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,1-Dichloroethene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,1-Dichloropropene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,2,3-Trichloropropane	NELAP	9.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,2,3-Trimethylbenzene		4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,2-Dibromoethane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-004  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(3)  
**Collection Date:** 11/17/2010 12:55:00 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	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,2-Dichloropropane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,3-Dichloropropane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
1-Chlorobutane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
2,2-Dichloropropane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
2-Butanone	NELAP	46.2	J	11	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
2-Chlorotoluene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
2-Hexanone	NELAP	46.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
2-Nitropropane	NELAP	46.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
4-Chlorotoluene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
4-Methyl-2-pentanone	NELAP	46.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Acetone	NELAP	46.2		82.7	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Acrolein	NELAP	92.4		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Acrylonitrile	NELAP	9.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Allyl chloride	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Benzene	NELAP	0.9		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Bromobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Bromochloromethane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Bromodichloromethane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Bromoform	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Bromomethane	NELAP	9.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Carbon disulfide	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Carbon tetrachloride	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Chlorobenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Chloroethane	NELAP	9.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Chloroform	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Chloromethane	NELAP	9.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3.7		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Cyclohexanone		92.4		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Dibromochloromethane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Dibromomethane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Dichlorodifluoromethane	NELAP	9.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Ethyl acetate	NELAP	46.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Ethyl ether	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-004  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(3)  
**Collection Date:** 11/17/2010 12:55:00 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	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Ethylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Heptane		18.5		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Hexachlorobutadiene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Hexachloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Iodomethane	NELAP	9.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Isopropylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
m,p-Xylenes	NELAP	4.6	J	1.5	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Methacrylonitrile	NELAP	46.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Methyl Methacrylate	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Methyl tert-butyl ether	NELAP	1.8		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Methylacrylate		9.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Methylene chloride	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Naphthalene	NELAP	9.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
n-Butylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
n-Hexane		18.5		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Nitrobenzene	NELAP	92.4		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
n-Propylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
o-Xylene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Pentachloroethane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
p-Isopropyltoluene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Propionitrile	NELAP	46.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
sec-Butylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Styrene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
tert-Butylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Tetrachloroethene	NELAP	4.6	J	1.3	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Tetrahydrofuran	NELAP	46.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Toluene	NELAP	4.6	J	1.6	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3.7		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Trichloroethene	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Trichlorofluoromethane	NELAP	4.6		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Vinyl acetate	NELAP	46.2		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Vinyl chloride	NELAP	1.8		ND	µg/Kg-dry	1	11/19/2010 2:52:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		124.4	%REC	1	11/19/2010 2:52:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		92.0	%REC	1	11/19/2010 2:52:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		110.8	%REC	1	11/19/2010 2:52:00 PM	RWE
Surr: Toluene-d8		86-116		102.5	%REC	1	11/19/2010 2:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-004  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(3)  
**Collection Date:** 11/17/2010 12:55:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		<b>0.042</b>	mg/Kg-dry	1	11/22/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.615	J	<b>0.39</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.60	J	<b>0.39</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS

### Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-005  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(8)  
**Collection Date:** 11/17/2010 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		15.0	%	1	11/19/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		85.0	%	1	11/19/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.27		2.81	mg/Kg-dry	1	11/23/2010 6:42:37 PM	JMW
Barium	NELAP	0.45		48.2	mg/Kg-dry	1	11/23/2010 6:42:37 PM	JMW
Cadmium	NELAP	0.18		0.35	mg/Kg-dry	1	11/23/2010 6:42:37 PM	JMW
Chromium	NELAP	0.91		16.0	mg/Kg-dry	1	11/23/2010 6:42:37 PM	JMW
Lead	NELAP	3.64		10.6	mg/Kg-dry	1	11/23/2010 6:42:37 PM	JMW
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	11/23/2010 6:42:37 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	< 0.577	mg/Kg-dry	1	11/22/2010 6:12:08 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.249	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Acenaphthylene	NELAP	0.004		0.239	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.078		ND	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Fluorene	NELAP	0.004		0.029	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Phenanthrene	NELAP	0.004		0.007	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:03:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		55.1	%REC	1	11/23/2010 7:03:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		67.0	%REC	1	11/23/2010 7:03:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		71.9	%REC	1	11/23/2010 7:03:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-005  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(8)  
**Collection Date:** 11/17/2010 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	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.17		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
2-Chloronaphthalene	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
2-Chlorophenol	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
2-Methoxy-4-methylphenol		0.761		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
2-Methylnaphthalene	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
2-Nitroaniline	NELAP	1.17		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
2-Nitrophenol	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
3-Nitroaniline	NELAP	1.17		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.17		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
4-Chloroaniline	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
4-Nitroaniline	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
4-Nitrophenol	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Aniline	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Azobenzene		0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Benzidine	NELAP	1.24		see note	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Benzoic acid	NELAP	1.76		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Benzyl alcohol	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Carbazole		0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Dibenzofuran	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Diethyl phthalate	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Dimethyl phthalate	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Hexachlorobenzene	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-005  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(8)  
**Collection Date:** 11/17/2010 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	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Hexachloroethane	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Isophorone	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
m,p-Cresol	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Nitrobenzene	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
o-Cresol	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Pentachlorophenol	NELAP	2.34		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Phenol	NELAP	0.410		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Pyridine	NELAP	0.585		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
1,2-Diphenylhydrazine		0.983		ND	mg/Kg-dry	1	12/2/2010 1:50:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		102.2	%REC	1	12/2/2010 1:50:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		75.8	%REC	1	12/2/2010 1:50:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		70.5	%REC	1	12/2/2010 1:50:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		66.7	%REC	1	12/2/2010 1:50:00 AM	DMH
Surr: Phenol-d5		34.9-110		75.2	%REC	1	12/2/2010 1:50:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		84.3	%REC	1	12/2/2010 1:50:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,1-Dichloro-2-propanone		50.6		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,1-Dichloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,1-Dichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,1-Dichloropropene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,2,3-Trimethylbenzene		5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,2-Dibromoethane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-005  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(8)  
**Collection Date:** 11/17/2010 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	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,2-Dichloropropane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,3-Dichloropropane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
1-Chlorobutane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
2,2-Dichloropropane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
2-Butanone	NELAP	50.6		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
2-Chlorotoluene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
2-Hexanone	NELAP	50.6		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
2-Nitropropane	NELAP	50.6		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
4-Chlorotoluene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
4-Methyl-2-pentanone	NELAP	50.6		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Acetone	NELAP	50.6		51.8	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Acrolein	NELAP	101		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Acrylonitrile	NELAP	10.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Allyl chloride	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Benzene	NELAP	1.0		3.6	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Bromobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Bromochloromethane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Bromodichloromethane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Bromoform	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Bromomethane	NELAP	10.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Carbon disulfide	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Carbon tetrachloride	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Chlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Chloroethane	NELAP	10.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Chloroform	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Chloromethane	NELAP	10.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Cyclohexanone		101		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Dibromochloromethane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Dibromomethane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Dichlorodifluoromethane	NELAP	10.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Ethyl acetate	NELAP	50.6		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Ethyl ether	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-005  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(8)  
**Collection Date:** 11/17/2010 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	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Ethylbenzene	NELAP	5.1	J	3.0	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Heptane		20.3		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Hexachlorobutadiene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Hexachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Iodomethane	NELAP	10.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Isopropylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
m,p-Xylenes	NELAP	5.1	J	4.6	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Methacrylonitrile	NELAP	50.6		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Methyl Methacrylate	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.0		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Methylacrylate		10.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Methylene chloride	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Naphthalene	NELAP	10.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
n-Butylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
n-Hexane		20.3	J	10	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Nitrobenzene	NELAP	101		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
n-Propylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
o-Xylene	NELAP	5.1	J	1.9	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Pentachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
p-Isopropyltoluene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Propionitrile	NELAP	50.6		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
sec-Butylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Styrene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
tert-Butylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Tetrachloroethene	NELAP	5.1	J	1.7	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Tetrahydrofuran	NELAP	50.6		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Toluene	NELAP	5.1		8.0	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Trichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Trichlorofluoromethane	NELAP	5.1	J	1.1	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Vinyl acetate	NELAP	50.6		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Vinyl chloride	NELAP	2.0		ND	µg/Kg-dry	1	11/19/2010 3:21:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		125.0	%REC	1	11/19/2010 3:21:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		94.7	%REC	1	11/19/2010 3:21:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120	S	122.7	%REC	1	11/19/2010 3:21:00 PM	RWE
Surr: Toluene-d8		86-116		97.7	%REC	1	11/19/2010 3:21:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-005  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(8)  
**Collection Date:** 11/17/2010 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	0.012	J	<b>0.009</b>	mg/Kg-dry	1	11/22/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.589		<b>&lt; 0.589</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.50		<b>&lt; 0.50</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS

### Sample Narrative

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

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

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

Surrogate recovery was outside QC limits due to matrix interference.



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-006  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(16)  
**Collection Date:** 11/17/2010 1:25:00 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		11.4	%	1	11/19/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.6	%	1	11/19/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		4.09	mg/Kg-dry	1	11/24/2010 10:24:27 AM	JMW
Barium	NELAP	0.48		17.2	mg/Kg-dry	1	11/24/2010 10:24:27 AM	JMW
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	11/24/2010 10:24:27 AM	JMW
Chromium	NELAP	0.96		15.8	mg/Kg-dry	1	11/24/2010 10:24:27 AM	JMW
Lead	NELAP	3.85		11.0	mg/Kg-dry	1	11/24/2010 10:24:27 AM	JMW
Silver	NELAP	0.53		0.64	mg/Kg-dry	1	11/24/2010 10:24:27 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	11/22/2010 6:15:30 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004	J	0.003	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		0.006	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		0.008	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.076		ND	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Chrysene	NELAP	0.004		0.005	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Phenanthrene	NELAP	0.004		0.013	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	11/23/2010 7:39:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		59.9	%REC	1	11/23/2010 7:39:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		75.3	%REC	1	11/23/2010 7:39:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		69.4	%REC	1	11/23/2010 7:39:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-006  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(16)  
**Collection Date:** 11/17/2010 1:25:00 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	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.13		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
2-Chloronaphthalene	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
2-Chlorophenol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
2-Methoxy-4-methylphenol		0.736		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
2-Methylnaphthalene	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
2-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
2-Nitrophenol	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
3-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.13		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
4-Chloroaniline	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
4-Nitroaniline	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
4-Nitrophenol	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Aniline	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Azobenzene		0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Benzidine	NELAP	1.20		see note	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Benzoic acid	NELAP	1.70		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Benzyl alcohol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Carbazole		0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Dibenzofuran	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Diethyl phthalate	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Dimethyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Hexachlorobenzene	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-006  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(16)  
**Collection Date:** 11/17/2010 1:25:00 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	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Hexachloroethane	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Isophorone	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
m,p-Cresol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Nitrobenzene	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
o-Cresol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Pentachlorophenol	NELAP	2.27		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Phenol	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Pyridine	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
1,2-Diphenylhydrazine		0.951		ND	mg/Kg-dry	1	12/2/2010 1:48:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		71.0	%REC	1	12/2/2010 1:48:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		81.8	%REC	1	12/2/2010 1:48:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		68.0	%REC	1	12/2/2010 1:48:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		73.1	%REC	1	12/2/2010 1:48:00 PM	DMH
Surr: Phenol-d5		34.9-110		76.8	%REC	1	12/2/2010 1:48:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		94.9	%REC	1	12/2/2010 1:48:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,1,1-Trichloroethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,1,2-Trichloroethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,1-Dichloro-2-propanone		1130		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,1-Dichloroethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,1-Dichloroethene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,1-Dichloropropene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,2,3-Trichloropropane	NELAP	226		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,2,3-Trimethylbenzene		113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,2-Dibromoethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,2-Dichlorobenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-006  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(16)  
**Collection Date:** 11/17/2010 1:25:00 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>								
1,2-Dichloroethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,2-Dichloropropane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,3-Dichlorobenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,3-Dichloropropane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1,4-Dichlorobenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
1-Chlorobutane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
2,2-Dichloropropane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
2-Butanone	NELAP	1130		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
2-Chlorotoluene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
2-Hexanone	NELAP	1130		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
2-Nitropropane	NELAP	1130		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
4-Chlorotoluene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
4-Methyl-2-pentanone	NELAP	1130		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Acetone	NELAP	1130		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Acrolein	NELAP	2260		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Acrylonitrile	NELAP	226		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Allyl chloride	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Benzene	NELAP	22.6		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Bromobenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Bromochloromethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Bromodichloromethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Bromoform	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Bromomethane	NELAP	226		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Carbon disulfide	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Carbon tetrachloride	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Chlorobenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Chloroethane	NELAP	226		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Chloroform	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Chloromethane	NELAP	226		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	90.5		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Cyclohexanone		2260		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Dibromochloromethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Dibromomethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Dichlorodifluoromethane	NELAP	226		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Ethyl acetate	NELAP	1130	J	440	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Ethyl ether	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-006  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(16)  
**Collection Date:** 11/17/2010 1:25:00 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	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Ethylbenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Heptane		452		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Hexachlorobutadiene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Hexachloroethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Iodomethane	NELAP	226		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Isopropylbenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
m,p-Xylenes	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Methacrylonitrile	NELAP	1130		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Methyl Methacrylate	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Methyl tert-butyl ether	NELAP	45.2		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Methylacrylate		226		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Methylene chloride	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Naphthalene	NELAP	226		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
n-Butylbenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
n-Hexane		452		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Nitrobenzene	NELAP	2260		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
n-Propylbenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
o-Xylene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Pentachloroethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
p-Isopropyltoluene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Propionitrile	NELAP	1130		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
sec-Butylbenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Styrene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
tert-Butylbenzene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Tetrachloroethene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Tetrahydrofuran	NELAP	1130		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Toluene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	90.5		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Trichloroethene	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Trichlorofluoromethane	NELAP	113		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Vinyl acetate	NELAP	1130		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Vinyl chloride	NELAP	45.2		ND	µg/Kg-dry	12.5	11/23/2010 10:35:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		103.1	%REC	12.5	11/23/2010 10:35:00 AM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		101.2	%REC	12.5	11/23/2010 10:35:00 AM	RWE
Surr: Dibromofluoromethane		77.7-120		104.4	%REC	12.5	11/23/2010 10:35:00 AM	RWE
Surr: Toluene-d8		86-116		95.6	%REC	12.5	11/23/2010 10:35:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-006  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-G5.5-W(16)  
**Collection Date:** 11/17/2010 1:25:00 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>0.008</b>	mg/Kg-dry	1	11/22/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.564		<b>&lt; 0.564</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.55		<b>&lt; 0.55</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS

### Sample Narrative

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

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

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

Elevated reporting limit due to matrix interference.

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10110865

**Lab ID:** 10110865-007

**Report Date:** 13-Dec-10

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

**Client Sample ID:** P6-H5.5-W(3)

**Collection Date:** 11/18/2010 7:50:00 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		19.3	%	1	11/19/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		80.7	%	1	11/19/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	4.55		11.6	mg/Kg-dry	2	11/24/2010 11:55:34 AM	JMW
Barium	NELAP	0.91		267	mg/Kg-dry	2	11/24/2010 11:55:34 AM	JMW
Cadmium	NELAP	0.36	J	0.27	mg/Kg-dry	2	11/24/2010 11:55:34 AM	JMW
Chromium	NELAP	1.82		23.0	mg/Kg-dry	2	11/24/2010 11:55:34 AM	JMW
Lead	NELAP	7.27		21.3	mg/Kg-dry	2	11/24/2010 11:55:34 AM	JMW
Silver	NELAP	1.00		< 1.00	mg/Kg-dry	2	11/24/2010 11:55:34 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.536	< 0.536	mg/Kg-dry	1	11/23/2010 9:49:18 AM	MEK
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>								
4,4'-DDD	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
4,4'-DDE	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
4,4'-DDT	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Alachlor	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Aldrin	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
alpha-BHC	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
alpha-Chlordane	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
beta-BHC	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Chlordane	NELAP	4.13		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
delta-BHC	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Dieldrin	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Endosulfan I	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Endosulfan II	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Endosulfan sulfate	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Endrin	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Endrin aldehyde	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Endrin ketone	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
gamma-BHC	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
gamma-Chlordane	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Heptachlor	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Heptachlor epoxide	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Methoxychlor	NELAP	2.07		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Toxaphene	NELAP	37.1		ND	µg/Kg-dry	1	11/22/2010 4:15:00 PM	MAV
Surr: Decachlorobiphenyl		48-149		114.8	%REC	1	11/22/2010 4:15:00 PM	MAV
Surr: Tetrachloro-m-xylene		19-145		65.5	%REC	1	11/22/2010 4:15:00 PM	MAV

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-007  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(3)  
**Collection Date:** 11/18/2010 7:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								
Aroclor 1016	NELAP	46.4		ND	µg/Kg-dry	1	11/22/2010 4:17:00 PM	MAV
Aroclor 1221	NELAP	46.4		ND	µg/Kg-dry	1	11/22/2010 4:17:00 PM	MAV
Aroclor 1232	NELAP	46.4		ND	µg/Kg-dry	1	11/22/2010 4:17:00 PM	MAV
Aroclor 1242	NELAP	46.4		ND	µg/Kg-dry	1	11/22/2010 4:17:00 PM	MAV
Aroclor 1248	NELAP	46.4		ND	µg/Kg-dry	1	11/22/2010 4:17:00 PM	MAV
Aroclor 1254	NELAP	46.4		ND	µg/Kg-dry	1	11/22/2010 4:17:00 PM	MAV
Aroclor 1260	NELAP	46.4		ND	µg/Kg-dry	1	11/22/2010 4:17:00 PM	MAV
Surr: Decachlorobiphenyl		5-156		87.4	%REC	1	11/22/2010 4:17:00 PM	MAV
Surr: Tetrachloro-meta-xylene		7.35-123		73.8	%REC	1	11/22/2010 4:17:00 PM	MAV
<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	11/23/2010 8:15:00 PM	DMH
Acenaphthylene	NELAP	0.004	J	0.004	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		0.010	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		0.006	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.082		ND	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Chrysene	NELAP	0.004	J	0.004	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Fluoranthene	NELAP	0.004		0.007	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Pyrene	NELAP	0.004		0.012	mg/Kg-dry	1	11/23/2010 8:15:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		60.7	%REC	1	11/23/2010 8:15:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		71.1	%REC	1	11/23/2010 8:15:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		70.1	%REC	1	11/23/2010 8:15:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-007  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(3)  
**Collection Date:** 11/18/2010 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-Dimethylphenol	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.23		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
2-Chloronaphthalene	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
2-Chlorophenol	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
2-Methoxy-4-methylphenol		0.799		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
2-Methylnaphthalene	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
2-Nitroaniline	NELAP	1.23		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
2-Nitrophenol	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
3-Nitroaniline	NELAP	1.23		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.23		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
4-Chloroaniline	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
4-Nitroaniline	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
4-Nitrophenol	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Aniline	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Azobenzene		0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Benzidine	NELAP	1.30		see note	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Benzoic acid	NELAP	1.84		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Benzyl alcohol	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Carbazole		0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Dibenzofuran	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Diethyl phthalate	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Dimethyl phthalate	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Hexachlorobenzene	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Hexachlorobutadiene	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Hexachloroethane	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-007  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(3)  
**Collection Date:** 11/18/2010 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>								
Isophorone	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
m,p-Cresol	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Nitrobenzene	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
o-Cresol	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Pentachlorophenol	NELAP	2.46		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Phenol	NELAP	0.430		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Pyridine	NELAP	0.615		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
1,2-Diphenylhydrazine		1.03		ND	mg/Kg-dry	1	12/2/2010 2:22:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		92.8	%REC	1	12/2/2010 2:22:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		78.8	%REC	1	12/2/2010 2:22:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		62.5	%REC	1	12/2/2010 2:22:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		69.2	%REC	1	12/2/2010 2:22:00 AM	DMH
Surr: Phenol-d5		34.9-110		74.4	%REC	1	12/2/2010 2:22:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		84.2	%REC	1	12/2/2010 2:22:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,1-Dichloro-2-propanone		44.5		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,1-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,1-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,1-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,2,3-Trichloropropane	NELAP	8.9		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,2,3-Trimethylbenzene		4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,2-Dibromoethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,2-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 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:** 10110865

**Client Sample ID:** P6-H5.5-W(3)

**Lab ID:** 10110865-007

**Collection Date:** 11/18/2010 7:50:00 AM

**Report Date:** 13-Dec-10

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,3-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,3-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
1-Chlorobutane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
2,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
2-Butanone	NELAP	44.5		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
2-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
2-Hexanone	NELAP	44.5		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
2-Nitropropane	NELAP	44.5		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
4-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
4-Methyl-2-pentanone	NELAP	44.5		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Acetone	NELAP	44.5		78.9	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Acrolein	NELAP	89.0		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Acrylonitrile	NELAP	8.9		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Allyl chloride	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Benzene	NELAP	0.9		1.2	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Bromobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Bromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Bromodichloromethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Bromoform	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Bromomethane	NELAP	8.9		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Carbon disulfide	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Carbon tetrachloride	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Chlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Chloroethane	NELAP	8.9		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Chloroform	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Chloromethane	NELAP	8.9	J	3.4	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3.6		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Cyclohexanone		89.0		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Dibromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Dibromomethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Dichlorodifluoromethane	NELAP	8.9		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Ethyl acetate	NELAP	44.5		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Ethyl ether	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Ethyl methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Ethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Heptane		17.8		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-007  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(3)  
**Collection Date:** 11/18/2010 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>								
Hexachlorobutadiene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Hexachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Iodomethane	NELAP	8.9		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Isopropylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
m,p-Xylenes	NELAP	4.4	J	1.9	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Methacrylonitrile	NELAP	44.5		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Methyl Methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Methyl tert-butyl ether	NELAP	1.8		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Methylacrylate		8.9		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Methylene chloride	NELAP	4.4	J	1.0	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Naphthalene	NELAP	8.9		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
n-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
n-Hexane		17.8		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Nitrobenzene	NELAP	89.0		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
n-Propylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
o-Xylene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Pentachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
p-Isopropyltoluene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Propionitrile	NELAP	44.5		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
sec-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Styrene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
tert-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Tetrachloroethene	NELAP	4.4	J	2.1	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Tetrahydrofuran	NELAP	44.5		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Toluene	NELAP	4.4	J	2.4	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3.6		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Trichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Trichlorofluoromethane	NELAP	4.4		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Vinyl acetate	NELAP	44.5		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Vinyl chloride	NELAP	1.8		ND	µg/Kg-dry	1	11/19/2010 4:22:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		125.0	%REC	1	11/19/2010 4:22:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		92.8	%REC	1	11/19/2010 4:22:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		113.7	%REC	1	11/19/2010 4:22:00 PM	RWE
Surr: Toluene-d8		86-116		101.9	%REC	1	11/19/2010 4:22:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		0.020	mg/Kg-dry	1	11/22/2010	MEK
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-007  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(3)  
**Collection Date:** 11/18/2010 7:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								
2,4,5-T	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
2,4,5-TP (Silvex)	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
2,4-D	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
2,4-DB	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
3,5-Dichlorobenzoic Acid	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
Acifluorfen	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
Bentazon	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
Chloramben	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
Dalapon	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
DCPA	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
Dicamba	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
Dichlorprop	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
Dinoseb	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
Pentachlorophenol	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
Picloram	NELAP	0.05		ND	mg/Kg-dry	1	12/6/2010 8:22:00 PM	SUB
Surr: DCAA		50-136		70.2	%REC	1	12/6/2010 8:22:00 PM	SUB
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.619	J	0.59	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.61	J	0.59	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS

### Sample Narrative

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

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

SW-846 8151A, Chlorinated Herbicides by GC/ECD

The blank spike recovery was outside acceptance limits. Batch accepted based on acceptable MS/MSD/RPD results.

Analysis performed by Keystone Laboratories, Inc.

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

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-008  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(8)  
**Collection Date:** 11/18/2010 8:05:00 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		12.1	%	1	11/19/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.9	%	1	11/19/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		4.75	mg/Kg-dry	1	11/24/2010 10:35:53 AM	JMW
Barium	NELAP	0.47		83.0	mg/Kg-dry	1	11/24/2010 10:35:53 AM	JMW
Cadmium	NELAP	0.19	J	0.10	mg/Kg-dry	1	11/24/2010 10:35:53 AM	JMW
Chromium	NELAP	0.94		18.9	mg/Kg-dry	1	11/24/2010 10:35:53 AM	JMW
Lead	NELAP	3.77		15.1	mg/Kg-dry	1	11/24/2010 10:35:53 AM	JMW
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	11/24/2010 10:35:53 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.556	< 0.556	mg/Kg-dry	1	11/22/2010 6:18:54 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	11/23/2010 8:49:00 PM	DMH
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.076		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 8:49:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		60.6	%REC	1	11/23/2010 8:49:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		70.0	%REC	1	11/23/2010 8:49:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		68.2	%REC	1	11/23/2010 8:49:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.566	S	ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-008  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(8)  
**Collection Date:** 11/18/2010 8:05:00 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	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.13		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.396	S	ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
2-Chloronaphthalene	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
2-Chlorophenol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
2-Methoxy-4-methylphenol		0.736		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
2-Methylnaphthalene	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
2-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
2-Nitrophenol	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
3-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.13		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
4-Chloroaniline	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
4-Nitroaniline	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
4-Nitrophenol	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Aniline	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Azobenzene		0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Benzidine	NELAP	1.20		see note	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Benzoic acid	NELAP	1.70		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Benzyl alcohol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Carbazole		0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Dibenzofuran	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Diethyl phthalate	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Dimethyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Hexachlorobenzene	NELAP	0.396	S	ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-008  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(8)  
**Collection Date:** 11/18/2010 8:05:00 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	0.566	S	ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Hexachloroethane	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Isophorone	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
m,p-Cresol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Nitrobenzene	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
o-Cresol	NELAP	0.566		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Pentachlorophenol	NELAP	2.27		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Phenol	NELAP	0.396		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Pyridine	NELAP	0.566	S	ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
1,2-Diphenylhydrazine		0.951		ND	mg/Kg-dry	1	12/2/2010 12:09:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		107.7	%REC	1	12/2/2010 12:09:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		75.5	%REC	1	12/2/2010 12:09:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		75.6	%REC	1	12/2/2010 12:09:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101	S	62.9	%REC	1	12/2/2010 12:09:00 PM	DMH
Surr: Phenol-d5		34.9-110		77.3	%REC	1	12/2/2010 12:09:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		82.4	%REC	1	12/2/2010 12:09:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,1,1-Trichloroethane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,1,2-Trichloroethane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,1-Dichloro-2-propanone		34.7		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,1-Dichloroethane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,1-Dichloroethene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,1-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,2,3-Trichloropropane	NELAP	6.9		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,2,3-Trimethylbenzene		3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,2-Dibromoethane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,2-Dichlorobenzene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-008  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(8)  
**Collection Date:** 11/18/2010 8:05:00 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	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,2-Dichloropropane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,3-Dichlorobenzene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,3-Dichloropropane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1,4-Dichlorobenzene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
1-Chlorobutane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
2,2-Dichloropropane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
2-Butanone	NELAP	34.7		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
2-Chlorotoluene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
2-Hexanone	NELAP	34.7		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
2-Nitropropane	NELAP	34.7		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
4-Chlorotoluene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
4-Methyl-2-pentanone	NELAP	34.7		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Acetone	NELAP	34.7	J	18	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Acrolein	NELAP	69.4		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Acrylonitrile	NELAP	6.9		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Allyl chloride	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Benzene	NELAP	0.7		2.4	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Bromobenzene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Bromochloromethane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Bromodichloromethane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Bromoform	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Bromomethane	NELAP	6.9		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Carbon disulfide	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Carbon tetrachloride	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Chlorobenzene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Chloroethane	NELAP	6.9		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Chloroform	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Chloromethane	NELAP	6.9		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	2.8		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Cyclohexanone		69.4		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Dibromochloromethane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Dibromomethane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Dichlorodifluoromethane	NELAP	6.9		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Ethyl acetate	NELAP	34.7		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Ethyl ether	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-008  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(8)  
**Collection Date:** 11/18/2010 8:05:00 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	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Ethylbenzene	NELAP	3.5	J	1.8	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Heptane		13.9		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Hexachlorobutadiene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Hexachloroethane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Iodomethane	NELAP	6.9		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Isopropylbenzene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
m,p-Xylenes	NELAP	3.5	J	3.0	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Methacrylonitrile	NELAP	34.7		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Methyl Methacrylate	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Methyl tert-butyl ether	NELAP	1.4		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Methylacrylate		6.9		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Methylene chloride	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Naphthalene	NELAP	6.9		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
n-Butylbenzene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
n-Hexane		13.9	J	6.7	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Nitrobenzene	NELAP	69.4		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
n-Propylbenzene	NELAP	3.5	J	0.7	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
o-Xylene	NELAP	3.5	J	1.1	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Pentachloroethane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
p-Isopropyltoluene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Propionitrile	NELAP	34.7		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
sec-Butylbenzene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Styrene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
tert-Butylbenzene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Tetrachloroethene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Tetrahydrofuran	NELAP	34.7		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Toluene	NELAP	3.5		5.1	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	2.8		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Trichloroethene	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Trichlorofluoromethane	NELAP	3.5		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Vinyl acetate	NELAP	34.7		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Vinyl chloride	NELAP	1.4		ND	µg/Kg-dry	1	11/19/2010 4:53:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		128.3	%REC	1	11/19/2010 4:53:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		88.1	%REC	1	11/19/2010 4:53:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		115.4	%REC	1	11/19/2010 4:53:00 PM	RWE
Surr: Toluene-d8		86-116		103.5	%REC	1	11/19/2010 4:53:00 PM	RWE

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
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**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(8)  
**Collection Date:** 11/18/2010 8:05:00 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>0.007</b>	mg/Kg-dry	1	11/22/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.569		<b>&lt; 0.569</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.55		<b>&lt; 0.55</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS

### Sample Narrative

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

Surrogate recovery was outside upper QC limits in the MSD.

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

MS and MSD recoveries were outside upper QC limits. Sample was ND.

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**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(16)  
**Collection Date:** 11/18/2010 8:25:00 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		12.6	%	1	11/19/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.4	%	1	11/19/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.10	mg/Kg-dry	1	11/24/2010 10:41:28 AM	JMW
Barium	NELAP	0.50		15.1	mg/Kg-dry	1	11/24/2010 10:41:28 AM	JMW
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	11/24/2010 10:41:28 AM	JMW
Chromium	NELAP	1.00		17.0	mg/Kg-dry	1	11/24/2010 10:41:28 AM	JMW
Lead	NELAP	4.00		10.3	mg/Kg-dry	1	11/24/2010 10:41:28 AM	JMW
Silver	NELAP	0.55		0.66	mg/Kg-dry	1	11/24/2010 10:41:28 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.566	< 0.566	mg/Kg-dry	1	11/23/2010 10:19:44 AM	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	11/23/2010 9:25:00 PM	DMH
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		0.007	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.077		ND	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Chrysene	NELAP	0.004		0.005	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Phenanthrene	NELAP	0.004		0.008	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	11/23/2010 9:25:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		60.8	%REC	1	11/23/2010 9:25:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		74.2	%REC	1	11/23/2010 9:25:00 PM	DMH
Surr: p-Terphenyl-d14		30.6-131		77.5	%REC	1	11/23/2010 9:25:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-009  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(16)  
**Collection Date:** 11/18/2010 8:25:00 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>								
2,4,5-Trichlorophenol	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.14		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
2-Chloronaphthalene	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
2-Chlorophenol	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
2-Methoxy-4-methylphenol		0.743		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
2-Methylnaphthalene	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
2-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
2-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
3-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.14		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
4-Chloroaniline	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
4-Nitroaniline	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
4-Nitrophenol	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Aniline	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Azobenzene		0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Benzidine	NELAP	1.21		see note	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Benzoic acid	NELAP	1.72		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Benzyl alcohol	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Carbazole		0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Dibenzofuran	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Diethyl phthalate	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Dimethyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Hexachlorobenzene	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH

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**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	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Hexachloroethane	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Isophorone	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
m,p-Cresol	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Nitrobenzene	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
o-Cresol	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Pentachlorophenol	NELAP	2.29		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Phenol	NELAP	0.400		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Pyridine	NELAP	0.572		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
1,2-Diphenylhydrazine		0.961		ND	mg/Kg-dry	1	12/2/2010 2:21:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		66.4	%REC	1	12/2/2010 2:21:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		79.4	%REC	1	12/2/2010 2:21:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		65.0	%REC	1	12/2/2010 2:21:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		67.0	%REC	1	12/2/2010 2:21:00 PM	DMH
Surr: Phenol-d5		34.9-110		76.2	%REC	1	12/2/2010 2:21:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		86.7	%REC	1	12/2/2010 2:21:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,1,1-Trichloroethane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,1,2,2-Tetrachloroethane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,1,2-Trichloroethane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,1-Dichloro-2-propanone		87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,1-Dichloroethane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,1-Dichloroethene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,1-Dichloropropene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,2,3-Trichlorobenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,2,3-Trichloropropane	NELAP	174		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,2,3-Trimethylbenzene		87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,2,4-Trichlorobenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,2,4-Trimethylbenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,2-Dibromo-3-chloropropane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,2-Dibromoethane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,2-Dichlorobenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-009  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(16)  
**Collection Date:** 11/18/2010 8:25:00 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	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,2-Dichloropropane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,3,5-Trimethylbenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,3-Dichlorobenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,3-Dichloropropane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1,4-Dichlorobenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
1-Chlorobutane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
2,2-Dichloropropane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
2-Butanone	NELAP	871		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
2-Chlorotoluene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
2-Hexanone	NELAP	871		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
2-Nitropropane	NELAP	871		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
4-Chlorotoluene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
4-Methyl-2-pentanone	NELAP	871		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Acetone	NELAP	871		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Acrolein	NELAP	1740		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Acrylonitrile	NELAP	174		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Allyl chloride	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Benzene	NELAP	17.4		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Bromobenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Bromochloromethane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Bromodichloromethane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Bromoform	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Bromomethane	NELAP	174		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Carbon disulfide	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Carbon tetrachloride	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Chlorobenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Chloroethane	NELAP	174		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Chloroform	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Chloromethane	NELAP	174		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
cis-1,2-Dichloroethene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
cis-1,3-Dichloropropene	NELAP	69.6		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Cyclohexanone		1740		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Dibromochloromethane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Dibromomethane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Dichlorodifluoromethane	NELAP	174		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Ethyl acetate	NELAP	871	J	210	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Ethyl ether	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-009  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(16)  
**Collection Date:** 11/18/2010 8:25:00 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	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Ethylbenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Heptane		348		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Hexachlorobutadiene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Hexachloroethane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Iodomethane	NELAP	174		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Isopropylbenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
m,p-Xylenes	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Methacrylonitrile	NELAP	871		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Methyl Methacrylate	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Methyl tert-butyl ether	NELAP	34.8		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Methylacrylate		174		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Methylene chloride	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Naphthalene	NELAP	174		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
n-Butylbenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
n-Hexane		348		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Nitrobenzene	NELAP	1740		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
n-Propylbenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
o-Xylene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Pentachloroethane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
p-Isopropyltoluene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Propionitrile	NELAP	871		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
sec-Butylbenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Styrene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
tert-Butylbenzene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Tetrachloroethene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Tetrahydrofuran	NELAP	871		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Toluene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
trans-1,2-Dichloroethene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
trans-1,3-Dichloropropene	NELAP	69.6		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Trichloroethene	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Trichlorofluoromethane	NELAP	87.1		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Vinyl acetate	NELAP	871		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Vinyl chloride	NELAP	34.8		ND	µg/Kg-dry	12.5	11/23/2010 11:04:00 AM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		103.2	%REC	12.5	11/23/2010 11:04:00 AM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		100.5	%REC	12.5	11/23/2010 11:04:00 AM	RWE
Surr: Dibromofluoromethane		77.7-120		104.9	%REC	12.5	11/23/2010 11:04:00 AM	RWE
Surr: Toluene-d8		86-116		97.4	%REC	12.5	11/23/2010 11:04:00 AM	RWE



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110865  
**Lab ID:** 10110865-009  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-H5.5-W(16)  
**Collection Date:** 11/18/2010 8:25:00 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>0.007</b>	mg/Kg-dry	1	11/22/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.572		<b>&lt; 0.572</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		<b>&lt; 0.56</b>	mg/Kg-dry	1	11/22/2010 3:19:00 PM	KNS

### Sample Narrative

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

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

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

Elevated reporting limit due to matrix interference.

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 6240908012

**Lab Order:** 10110865

**Report Date:** 13-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10110865-001A	P6-F5.5-W(3)	11/17/2010	Solid	EPA SW846 3550C, 5035A, ASTM D2974		11/19/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/19/2010 2:00:00 PM
				SW-846 9012A		11/22/2010 3:19:00 PM
				SW-846 9012A (Total)		11/22/2010 3:19:00 PM
10110865-001B				SW-846 3050B, 6010B, Metals by ICP	11/19/2010 12:16:17 PM	11/22/2010 3:01:08 PM
				SW-846 3050B, 6010B, Metals by ICP	11/19/2010 12:16:17 PM	11/22/2010 3:45:12 PM
				SW-846 3050B, Metals by GFAA	11/19/2010 12:35:46 PM	11/22/2010 5:51:48 PM
				SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD	11/22/2010 9:08:56 AM	11/22/2010 3:51:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	11/22/2010 9:08:56 AM	11/22/2010 4:00:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:59:08 PM	11/23/2010 4:39:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:56:32 PM	12/2/2010 10:30:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:56:32 PM	12/2/2010 3:27:00 PM
				SW-846 7471A	11/22/2010 10:20:52 AM	11/22/2010
10110865-001C				SW-846 8151A, Chlorinated Herbicides by GC/ECD		12/6/2010 7:35:00 PM
10110865-001F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/19/2010 1:22:00 PM
10110865-002A	P6-F5.5-W(8)			EPA SW846 3550C, 5035A, ASTM D2974		11/19/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/19/2010 2:00:00 PM
				SW-846 9012A		11/22/2010 3:19:00 PM
				SW-846 9012A (Total)		11/22/2010 3:19:00 PM
10110865-002B				SW-846 3050B, 6010B, Metals by ICP	11/19/2010 12:16:17 PM	11/22/2010 3:06:50 PM
				SW-846 3050B, 6010B, Metals by ICP	11/19/2010 12:16:17 PM	11/24/2010 9:44:47 AM
				SW-846 3050B, Metals by GFAA	11/19/2010 12:35:46 PM	11/22/2010 5:55:12 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 6240908012

**Lab Order:** 10110865

**Report Date:** 13-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10110865-002B	P6-F5.5-W(8)	11/17/2010	Solid	SW-846 3050B, Metals by GFAA	11/19/2010 12:35:46 PM	11/23/2010 9:35:50 AM
				SW-846 3050B, Metals by GFAA	11/19/2010 12:35:46 PM	11/23/2010 9:45:56 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:59:08 PM	11/23/2010 5:15:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:56:32 PM	12/2/2010 11:03:00 AM
				SW-846 7471A	11/22/2010 10:20:52 AM	11/22/2010
10110865-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/19/2010 1:52:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/22/2010 1:04:00 PM
10110865-003A	P6-F5.5-W(16)			EPA SW846 3550C, 5035A, ASTM D2974		11/19/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/19/2010 2:00:00 PM
				SW-846 9012A		11/22/2010 3:19:00 PM
				SW-846 9012A (Total)		11/22/2010 3:19:00 PM
10110865-003B				SW-846 3050B, 6010B, Metals by ICP	11/19/2010 12:16:17 PM	11/22/2010 3:12:26 PM
				SW-846 3050B, Metals by GFAA	11/19/2010 12:35:46 PM	11/22/2010 6:05:24 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:59:08 PM	11/23/2010 5:51:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:56:32 PM	12/2/2010 11:36:00 AM
				SW-846 7471A	11/22/2010 10:20:52 AM	11/22/2010
10110865-003E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/19/2010 2:22:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/22/2010 1:33:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/23/2010 10:06:00 AM
10110865-004A	P6-G5.5-W(3)			EPA SW846 3550C, 5035A, ASTM D2974		11/19/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/19/2010 2:00:00 PM
				SW-846 9012A		11/22/2010 3:19:00 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 6240908012

**Lab Order:** 10110865

**Report Date:** 13-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10110865-004A	P6-G5.5-W(3)	11/17/2010	Solid	SW-846 9012A (Total)		11/22/2010 3:19:00 PM
10110865-004B				SW-846 3050B, 6010B, Metals by ICP	11/19/2010 12:16:17 PM	11/22/2010 3:29:11 PM
				SW-846 3050B, Metals by GFAA	11/19/2010 12:35:46 PM	11/22/2010 6:08:46 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:59:08 PM	11/23/2010 6:27:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:56:33 PM	12/2/2010 1:18:00 AM
				SW-846 7471A	11/22/2010 10:20:52 AM	11/22/2010
10110865-004E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/19/2010 2:52:00 PM
10110865-005A	P6-G5.5-W(8)			EPA SW846 3550C, 5035A, ASTM D2974		11/19/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/19/2010 2:00:00 PM
				SW-846 9012A		11/22/2010 3:19:00 PM
				SW-846 9012A (Total)		11/22/2010 3:19:00 PM
10110865-005B				SW-846 3050B, 6010B, Metals by ICP	11/22/2010 10:18:27 AM	11/23/2010 6:42:37 PM
				SW-846 3050B, Metals by GFAA	11/19/2010 12:35:46 PM	11/22/2010 6:12:08 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:59:08 PM	11/23/2010 7:03:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:56:33 PM	12/2/2010 1:50:00 AM
				SW-846 7471A	11/22/2010 10:20:52 AM	11/22/2010
10110865-005E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/19/2010 3:21:00 PM
10110865-006A	P6-G5.5-W(16)			EPA SW846 3550C, 5035A, ASTM D2974		11/19/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/19/2010 2:00:00 PM
				SW-846 9012A		11/22/2010 3:19:00 PM
				SW-846 9012A (Total)		11/22/2010 3:19:00 PM
10110865-006B				SW-846 3050B, 6010B, Metals by ICP	11/22/2010 10:18:27 AM	11/24/2010 10:24:27 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 6240908012

**Lab Order:** 10110865

**Report Date:** 13-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10110865-006B	P6-G5.5-W(16)	11/17/2010	Solid	SW-846 3050B, Metals by GFAA	11/19/2010 12:35:46 PM	11/22/2010 6:15:30 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:59:08 PM	11/23/2010 7:39:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:56:33 PM	12/2/2010 1:48:00 PM
				SW-846 7471A	11/22/2010 10:20:52 AM	11/22/2010
10110865-006E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/19/2010 3:52:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/22/2010 2:01:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/23/2010 10:35:00 AM
10110865-007A	P6-H5.5-W(3)	11/18/2010		EPA SW846 3550C, 5035A, ASTM D2974		11/19/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/19/2010 2:00:00 PM
				SW-846 9012A		11/22/2010 3:19:00 PM
				SW-846 9012A (Total)		11/22/2010 3:19:00 PM
10110865-007B				SW-846 3050B, 6010B, Metals by ICP	11/22/2010 10:18:27 AM	11/24/2010 10:30:03 AM
				SW-846 3050B, 6010B, Metals by ICP	11/22/2010 10:18:27 AM	11/24/2010 11:50:06 AM
				SW-846 3050B, 6010B, Metals by ICP	11/22/2010 10:18:27 AM	11/24/2010 11:55:34 AM
				SW-846 3050B, Metals by GFAA	11/19/2010 12:35:46 PM	11/23/2010 9:49:18 AM
				SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD	11/22/2010 9:08:56 AM	11/22/2010 4:15:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	11/22/2010 9:08:56 AM	11/22/2010 4:17:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:59:09 PM	11/23/2010 8:15:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:56:33 PM	12/2/2010 2:22:00 AM
				SW-846 7471A	11/22/2010 10:20:52 AM	11/22/2010
10110865-007C				SW-846 8151A, Chlorinated Herbicides by GC/ECD		12/6/2010 8:22:00 PM
10110865-007F				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/19/2010 4:22:00 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 6240908012

**Lab Order:** 10110865

**Report Date:** 13-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10110865-008A	P6-H5.5-W(8)	11/18/2010	Solid	EPA SW846 3550C, 5035A, ASTM D2974		11/19/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/19/2010 2:00:00 PM
				SW-846 9012A		11/22/2010 3:19:00 PM
				SW-846 9012A (Total)		11/22/2010 3:19:00 PM
10110865-008B				SW-846 3050B, 6010B, Metals by ICP	11/22/2010 10:18:27 AM	11/24/2010 10:35:53 AM
				SW-846 3050B, Metals by GFAA	11/19/2010 12:35:46 PM	11/22/2010 6:18:54 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:59:09 PM	11/23/2010 8:49:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:56:33 PM	12/2/2010 12:09:00 PM
				SW-846 7471A	11/22/2010 10:20:52 AM	11/22/2010
10110865-008E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/19/2010 4:53:00 PM
10110865-009A	P6-H5.5-W(16)			EPA SW846 3550C, 5035A, ASTM D2974		11/19/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/19/2010 2:00:00 PM
				SW-846 9012A		11/22/2010 3:19:00 PM
				SW-846 9012A (Total)		11/22/2010 3:19:00 PM
10110865-009B				SW-846 3050B, 6010B, Metals by ICP	11/22/2010 10:18:27 AM	11/24/2010 10:41:28 AM
				SW-846 3050B, Metals by GFAA	11/22/2010 9:51:33 AM	11/23/2010 10:19:44 AM
				SW-846 3050B, Metals by GFAA	11/22/2010 9:51:33 AM	11/23/2010 10:29:54 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:59:09 PM	11/23/2010 9:25:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:56:33 PM	12/2/2010 2:21:00 PM
				SW-846 7471A	11/22/2010 10:20:52 AM	11/22/2010
10110865-009E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/19/2010 5:23:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/22/2010 2:30:00 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 6240908012

**Lab Order:** 10110865

**Report Date:** 13-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10110865-009E	P6-H5.5-W(16)	11/18/2010	Solid	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/23/2010 11:04:00 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/Ameren Champaign 6240908012

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MB-R142846</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>142846</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142846</b>					Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801090</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-R142846</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>142846</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142846</b>					Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801091</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.03 0.01 0.02500 0 108.5 85 115

Sample ID: <b>10110865-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>142846</b>				
Client ID: <b>P6-F5.5-W(3)MS</b>	Batch ID: <b>R142846</b>					Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801093</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 2.34 0.62 1.553 0.5010 118.3 75 125

Sample ID: <b>10110865-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>142846</b>				
Client ID: <b>P6-F5.5-W(3)MSD</b>	Batch ID: <b>R142846</b>					Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801094</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 2.10 0.56 1.401 0.5010 114.1 75 125 2.338 10.8 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: I\_TS\_M\_MT

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCS-R142801</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>142801</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142801</b>		Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2799621</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>142801</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142801</b>		Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2799622</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>10110865-001ADUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>142801</b>							
Client ID: <b>P6-F5.5-W(3)DUP</b>	Batch ID: <b>R142801</b>		Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2799638</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	80.2	0.1						79.69	0.625	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_HG\_SOLID

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MB-64529</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142833</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64529</b>	<b>SOP 3063</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800734</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-64529</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142833</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64529</b>	<b>SOP 3063</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800735</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.260	0.010	0.2500	0	104.2	85	115				

Sample ID: <b>10110865-004BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142833</b>							
Client ID: <b>P6-G5.5-W(3)MS</b>	Batch ID: <b>64529</b>	<b>SOP 3063</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800742</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.347	0.012	0.3077	0.04247	99.0	75	125				

Sample ID: <b>10110865-004BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142833</b>							
Client ID: <b>P6-G5.5-W(3)MSD</b>	Batch ID: <b>64529</b>	<b>SOP 3063</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800743</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.351	0.012	0.3077	0.04247	100.4	75	125	0.3471	1.23	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_SOLID\_GF

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MB-64496</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142862</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64496</b>	<b>SOP 3042</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801499</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-64496</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142862</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64496</b>	<b>SOP 3042</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801500</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	3.20	0.600	3.000	0	106.7	80	120			

Sample ID: <b>MB-64521</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142887</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64521</b>	<b>SOP 3042</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802118</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-64521</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142887</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64521</b>	<b>SOP 3042</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802119</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	96.7	80	120			

Sample ID: <b>10110865-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142887</b>							
Client ID: <b>P6-F5.5-W(8)MSD</b>	Batch ID: <b>64496</b>	<b>SOP 3042</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802151</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	2.51	1.11	2.778	0	90.4	70	130	2.184	14.0	20

Sample ID: <b>10110865-009BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142887</b>							
Client ID: <b>P6-H5.5-W(16)MS</b>	Batch ID: <b>64521</b>	<b>SOP 3042</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802152</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 6240908012

TestCode: M\_SOLID\_GF

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>10110865-009BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142887</b>							
Client ID: <b>P6-H5.5-W(16)MS</b>	Batch ID: <b>64521</b>	<b>SOP 3042</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802152</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	2.23	1.13	2.830	0	78.9	70	130			

Sample ID: <b>10110865-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142887</b>							
Client ID: <b>P6-F5.5-W(8)MS</b>	Batch ID: <b>64496</b>	<b>SOP 3042</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802156</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	2.18	1.11	2.778	0	78.6	70	130			

Sample ID: <b>10110865-009BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142887</b>							
Client ID: <b>P6-H5.5-W(16)MSD</b>	Batch ID: <b>64521</b>	<b>SOP 3042</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802157</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	2.28	1.13	2.830	0	80.4	70	130	2.233	1.91	20

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_SOLIDS\_ICP

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MB-64495</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/19/2010</b>	RunNo: <b>142816</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64495</b>	<b>SOP 3032</b>				Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800046</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-64495</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/19/2010</b>	RunNo: <b>142816</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64495</b>	<b>SOP 3032</b>				Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800047</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	51.3	4.00	50.00	0	102.6	85	115				
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Sample ID: <b>MB-64495</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/19/2010</b>	RunNo: <b>142814</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64495</b>	<b>SOP 3032</b>				Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800382</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	0.5500	0	0	-100	100				

Sample ID: <b>LCS-64495</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/19/2010</b>	RunNo: <b>142814</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64495</b>	<b>SOP 3032</b>				Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800383</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	212	2.50	200.0	0	106.0	85	115				
Barium	206	0.50	200.0	0	102.9	85	115				
Cadmium	5.14	0.20	5.000	0	102.8	85	115				
Chromium	23.0	1.00	20.00	0	115.0	85	115				
Lead	52.9	4.00	50.00	0	105.9	85	115				
Silver	5.23	0.55	5.000	0	104.6	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_SOLIDS\_ICP

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>10110865-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142814</b>							
Client ID: <b>P6-F5.5-W(16)MS</b>	Batch ID: <b>64495</b>	<b>SOP 3032</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800885</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	194	2.40	192.3	3.596	99.1	75	125				
Barium	184	0.48	192.3	16.60	86.8	75	125				
Cadmium	4.15	0.19	4.808	0	86.4	75	125				
Chromium	37.8	0.96	19.23	17.22	107.2	75	125				
Lead	53.2	3.85	48.08	10.51	88.9	75	125				
Silver	5.36	0.53	4.808	0	111.4	75	125				

Sample ID: <b>10110865-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142814</b>							
Client ID: <b>P6-F5.5-W(16)MSD</b>	Batch ID: <b>64495</b>	<b>SOP 3032</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800886</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	193	2.40	192.3	3.596	98.3	75	125	194.2	0.845	20	
Barium	183	0.48	192.3	16.60	86.5	75	125	183.6	0.315	20	
Cadmium	4.11	0.19	4.808	0	85.4	75	125	4.154	1.16	20	
Chromium	37.6	0.96	19.23	17.22	106.0	75	125	37.84	0.612	20	
Lead	53.0	3.85	48.08	10.51	88.4	75	125	53.23	0.434	20	
Silver	5.38	0.53	4.808	0	112.0	75	125	5.356	0.537	20	

Sample ID: <b>MB-64523</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142869</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64523</b>	<b>SOP 3032</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2801662</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Barium	< 0.50	0.50	0.5000	0	0	-100	100				
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Sample ID: <b>LCS-64523</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142869</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64523</b>	<b>SOP 3032</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2801663</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Barium	198	0.50	200.0	0	99.2	85	115				
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_SOLIDS\_ICP

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MB-64523</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/22/2010</b>	RunNo: <b>142859</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64523</b>	<b>SOP 3032</b>				Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802344</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	0.5500	0	0	-100	100				

Sample ID: <b>LCS-64523</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/22/2010</b>	RunNo: <b>142859</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64523</b>	<b>SOP 3032</b>				Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802345</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	199	2.50	200.0	0	99.3	85	115				
Barium	191	0.50	200.0	0	95.3	85	115				
Cadmium	4.92	0.20	5.000	0	98.4	85	115				
Chromium	20.4	1.00	20.00	0	102.2	85	115				
Lead	49.0	4.00	50.00	0	98.0	85	115				
Silver	4.99	0.55	5.000	0	99.8	85	115				

Sample ID: <b>MB-64523</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/22/2010</b>	RunNo: <b>142900</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64523</b>	<b>SOP 3032</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2802567</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-64523</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/22/2010</b>	RunNo: <b>142900</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64523</b>	<b>SOP 3032</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2802568</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	52.3	4.00	50.00	0	104.6	85	115				
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_SOLIDS\_ICP

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>10110865-009BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142912</b>							
Client ID: <b>P6-H5.5-W(16)MS</b>	Batch ID: <b>64523</b>	<b>SOP 3032</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803044</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	195	2.50	200.0	4.100	95.6	75	125				
Barium	189	0.50	200.0	15.10	87.1	75	125				
Cadmium	4.35	0.20	5.000	0	87.0	75	125				
Chromium	38.8	1.00	20.00	17.00	109.0	75	125				
Lead	56.2	4.00	50.00	10.29	91.9	75	125				
Silver	5.48	0.55	5.000	0.6600	96.4	75	125				

Sample ID: <b>10110865-009BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142912</b>							
Client ID: <b>P6-H5.5-W(16)MSD</b>	Batch ID: <b>64523</b>	<b>SOP 3032</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803045</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	194	2.50	200.0	4.100	95.0	75	125	195.4	0.668	20	
Barium	187	0.50	200.0	15.10	86.1	75	125	189.3	1.06	20	
Cadmium	4.25	0.20	5.000	0	85.0	75	125	4.350	2.33	20	
Chromium	37.9	1.00	20.00	17.00	104.4	75	125	38.80	2.37	20	
Lead	55.9	4.00	50.00	10.29	91.3	75	125	56.25	0.588	20	
Silver	4.88	0.55	5.000	0.6600	84.4	75	125	5.480	11.6	20	

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SC\_8151S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MB-R143440</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>143440</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143440</b>					Analysis Date: <b>12/6/2010</b>	SeqNo: <b>2815538</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	ND	0.05									
2,4,5-TP (Silvex)	ND	0.05									
2,4-D	ND	0.05									
2,4-DB	ND	0.05									
3,5-Dichlorobenzoic Acid	ND	0.05									
Acifluorfen	ND	0.05									
Bentazon	ND	0.05									
Chloramben	ND	0.05									
Dalapon	ND	0.05									
DCPA	ND	0.05									
Dicamba	ND	0.05									
Dichlorprop	ND	0.05									
Dinoseb	ND	0.05									
Pentachlorophenol	ND	0.05									
Picloram	ND	0.05									
Surr: DCAA	0.05		0.07600		64.7	50	136				

Sample ID: <b>LCS-R143440</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>143440</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143440</b>					Analysis Date: <b>12/6/2010</b>	SeqNo: <b>2815539</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	0.02	0.05	0.02933	0	54.5	50	148				J
2,4,5-TP (Silvex)	0.02	0.05	0.02933	0	61.4	50	150				J
2,4-D	0.02	0.05	0.05867	0	40.9	50	150				JS
2,4-DB	0.23	0.05	0.2347	0	97.2	50	150				
3,5-Dichlorobenzoic Acid	0.02	0.05	0.02933	0	68.2	50	139				J
Acifluorfen	0.02	0.05	0.02933	0	58.0	50	150				J
Bentazon	0.04	0.05	0.05867	0	69.9	50	137				J
Chloramben	0.02	0.05	0.02933	0	51.1	16	106				J
Dalapon	0.15	0.05	0.3813	0	38.8	18	103				
DCPA	0.02	0.05	0.02933	0	58.0	50	150				J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SC\_8151S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dicamba	0.02	0.05	0.02933	0	68.2	50	150				J
Dichlorprop	0.04	0.05	0.08800	0	50.0	50	150				J
Dinoseb	0.01	0.05	0.05867	0	10.2	10	69				J
Pentachlorophenol	0.01	0.05	0.02933	0	17.0	50	139				JS
Picloram	0.02	0.05	0.02933	0	54.5	50	150				J
Surr: DCAA	0.04		0.07600		59.2	50	136				

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8081S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MB-64517</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142823</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64517</b>	<b>SW3550B</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800715</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	1.67									
4,4'-DDE	ND	1.67									
4,4'-DDT	ND	1.67									
Alachlor	ND	1.67									
Aldrin	ND	1.67									
alpha-BHC	ND	1.67									
alpha-Chlordane	ND	1.67									
beta-BHC	ND	1.67									
Chlordane	ND	3.34									
delta-BHC	ND	1.67									
Dieldrin	ND	1.67									
Endosulfan I	ND	1.67									
Endosulfan II	ND	1.67									
Endosulfan sulfate	ND	1.67									
Endrin	ND	1.67									
Endrin aldehyde	ND	1.67									
Endrin ketone	ND	1.67									
gamma-BHC	ND	1.67									
gamma-Chlordane	ND	1.67									
Heptachlor	ND	1.67									
Heptachlor epoxide	ND	1.67									
Methoxychlor	ND	1.67									
Toxaphene	ND	30.0									
Surr: Decachlorobiphenyl	9.52		8.330		114.3	73.5	150				
Surr: Tetrachloro-m-xylene	5.65		8.330		67.8	14.4	113				

Sample ID: <b>LCSPST-64517</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142823</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64517</b>	<b>SW3550B</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800716</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	6.20	1.67	8.330	0	74.5	36	208				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8081S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: LCSPST-64517	SampType: LCS	Units: µg/Kg					Prep Date: 11/22/2010	RunNo: 142823			
Client ID: ZZZZZZ	Batch ID: 64517	SW3550B					Analysis Date: 11/22/2010	SeqNo: 2800716			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDE	6.05	1.67	8.330	0	72.6	26	191				
4,4'-DDT	6.74	1.67	8.330	0	80.9	3	215				
Alachlor	5.88	1.67	8.330	0	70.6	30	170				
Aldrin	5.32	1.67	8.330	0	63.8	46	173				
alpha-BHC	4.39	1.67	8.330	0	52.7	37	179				
alpha-Chlordane	6.47	1.67	8.330	0	77.7	38	187				
beta-BHC	6.12	1.67	8.330	0	73.4	51	185				
delta-BHC	5.49	1.67	8.330	0	65.9	46	166				
Dieldrin	6.08	1.67	8.330	0	73.0	26	216				
Endosulfan I	6.15	1.67	8.330	0	73.8	31	205				
Endosulfan II	6.81	1.67	8.330	0	81.8	42	187				
Endosulfan sulfate	7.72	1.67	8.330	0	92.7	29	230				
Endrin	6.16	1.67	8.330	0	73.9	30	215				
Endrin aldehyde	7.22	1.67	8.330	0	86.7	42	202				
Endrin ketone	7.70	1.67	8.330	0	92.4	19	244				
gamma-BHC	5.32	1.67	8.330	0	63.9	55	166				
gamma-Chlordane	6.51	1.67	8.330	0	78.2	23	186				
Heptachlor	5.46	1.67	8.330	0	65.5	43	172				
Heptachlor epoxide	5.92	1.67	8.330	0	71.1	39	204				
Methoxychlor	7.80	1.67	8.330	0	93.7	3	221				
Surr: Decachlorobiphenyl	10.5		8.330		126.4	50.4	176				
Surr: Tetrachloro-m-xylene	6.14		8.330		73.8	10	107				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8082S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MB-64517</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142853</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64517</b>	<b>SW3550B</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801294</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	37.5									
Aroclor 1221	ND	37.5									
Aroclor 1232	ND	37.5									
Aroclor 1242	ND	37.5									
Aroclor 1248	ND	37.5									
Aroclor 1254	ND	37.5									
Aroclor 1260	ND	37.5									
Surr: Decachlorobiphenyl	10.3		8.300		123.8	47.2	128				
Surr: Tetrachloro-meta-xylene	6.5		8.300		77.7	21	98.9				

Sample ID: <b>LCSPCB-64517</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142853</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64517</b>	<b>SW3550B</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801295</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	134	37.5	166.7	0	80.1	54.9	121				
Aroclor 1260	156	37.5	166.7	0	93.7	65.5	133				
Surr: Decachlorobiphenyl	9.6		8.300		115.2	47.2	128				
Surr: Tetrachloro-meta-xylene	6.5		8.300		78.6	21	98.9				

Sample ID: <b>10110865-007BMS</b>	SampType: <b>MS</b>	Units: <b>µg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142853</b>							
Client ID: <b>P6-H5.5-W(3)MS</b>	Batch ID: <b>64517</b>	<b>SW3550B</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801302</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	160	46.1	204.9	0	77.9	35.8	143				
Aroclor 1260	172	46.1	204.9	0	84.2	22.3	152				
Surr: Decachlorobiphenyl	10.4		10.20		101.6	5	156				
Surr: Tetrachloro-meta-xylene	8.4		10.20		81.9	7.35	123				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8082S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>10110865-007BMSD</b>	SampType: <b>MSD</b>	Units: <b>µg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142853</b>							
Client ID: <b>P6-H5.5-W(3)MSD</b>	Batch ID: <b>64517</b>	<b>SW3550B</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801303</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	164	46.1	204.9	0	79.9	35.8	143	159.7	2.42	40	
Aroclor 1260	177	46.1	204.9	0	86.5	22.3	152	172.5	2.75	40	
Surr: Decachlorobiphenyl	10.5		10.20		102.8	5	156		0	40	
Surr: Tetrachloro-meta-xylene	8.5		10.20		83.3	7.35	123		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MB-64537</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>143137</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64537</b>	<b>SW3550B</b>	Analysis Date: <b>12/2/2010</b>	SeqNo: <b>2808034</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	0.034									
Acenaphthylene	ND	0.034									
Aniline	ND	0.500									
Anthracene	ND	0.034									
Azobenzene	ND	0.350									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MB-64537</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>143137</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64537</b>	<b>SW3550B</b>	Analysis Date: <b>12/2/2010</b>	SeqNo: <b>2808034</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	0.034									
Benzo(a)pyrene	ND	0.034									
Benzo(b)fluoranthene	ND	0.034									
Benzo(g,h,i)perylene	ND	0.034									
Benzo(k)fluoranthene	ND	0.034									
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	0.034									
Dibenzo(a,h)anthracene	ND	0.034									
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	0.034									
Fluorene	ND	0.034									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.034									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.034									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MB-64537</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>11/22/2010</b>		RunNo: <b>143137</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64537</b>		<b>SW3550B</b>		Analysis Date: <b>12/2/2010</b>		SeqNo: <b>2808034</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	0.034									
Phenol	ND	0.350									
Pyrene	ND	0.034									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.76		1.670		105.2	52.1	113				
Surr: 2-Fluorobiphenyl	0.640		0.8350		76.7	46.3	106				
Surr: 2-Fluorophenol	1.28		1.670		76.7	50.6	89				
Surr: Nitrobenzene-d5	0.588		0.8350		70.4	42.4	99.2				
Surr: Phenol-d5	1.31		1.670		78.6	55.9	98.5				
Surr: p-Terphenyl-d14	0.714		0.8350		85.6	45.5	115				

Sample ID: <b>LCS-64537</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>11/22/2010</b>		RunNo: <b>143137</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64537</b>		<b>SW3550B</b>		Analysis Date: <b>12/2/2010</b>		SeqNo: <b>2808106</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	76.3	43.9	92.2				
1,4-Dichlorobenzene	1.06	0.500	1.670	0	63.7	43.8	84.1				
2,4,5-Trichlorophenol	2.94	0.350	3.330	0	88.2	38.6	123				
2,4,6-Trichlorophenol	3.10	0.350	3.330	0	93.0	35.9	123				
2,4-Dimethylphenol	1.91	0.500	3.330	0	57.5	38.3	88				
2,4-Dinitrophenol	2.81	1.00	3.330	0	84.3	1.88	162				
2,4-Dinitrotoluene	1.46	0.350	1.670	0	87.6	48.6	102				
2-Chlorophenol	2.36	0.500	3.330	0	70.8	46.6	84				
4-Chloro-3-methylphenol	2.59	0.500	3.330	0	77.9	51.5	94.9				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCS-64537</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>					Prep Date: <b>11/22/2010</b>	RunNo: <b>143137</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64537</b>	<b>SW3550B</b>					Analysis Date: <b>12/2/2010</b>	SeqNo: <b>2808106</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	2.75	0.350	3.330	0	82.7	53.2	104				
Acenaphthene	1.24	0.034	1.670	0	74.2	50.8	113				
Acenaphthylene	1.42	0.034	1.670	0	85.3	52.8	121				
Anthracene	1.16	0.034	1.670	0	69.4	53.3	115				
Benzo(a)anthracene	1.25	0.034	1.670	0	74.8	62.3	110				
Benzo(a)pyrene	1.26	0.034	1.670	0	75.2	58.2	109				
Benzo(b)fluoranthene	1.29	0.034	1.670	0	77.0	51.8	107				
Benzo(g,h,i)perylene	1.47	0.034	1.670	0	88.0	49.6	121				
Benzo(k)fluoranthene	1.35	0.034	1.670	0	80.8	63.1	129				
Bis(2-ethylhexyl)phthalate	1.18	0.350	1.670	0	70.4	56.3	109				
Chrysene	1.95	0.034	1.670	0	117.0	58.4	115				S
Dibenzo(a,h)anthracene	1.48	0.034	1.670	0	88.8	54.9	120				
Diethyl phthalate	2.50	0.500	3.330	0	75.0	51.7	106				
Dimethyl phthalate	2.59	0.350	3.330	0	77.9	58.8	104				
Di-n-butyl phthalate	1.23	0.350	1.670	0	73.7	54.3	105				
Fluoranthene	1.36	0.034	1.670	0	81.2	61.6	113				
Fluorene	1.39	0.034	1.670	0	83.1	52.2	116				
Hexachlorobenzene	3.10	0.350	3.330	0	93.0	55.9	106				
Hexachlorobutadiene	2.71	0.500	3.330	0	81.5	35.7	100				
Hexachloroethane	1.99	0.500	3.330	0	59.7	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.39	0.034	1.670	0	83.3	52.7	115				
m,p-Cresol	1.33	0.500	1.670	0	79.7	37.6	93.7				
Naphthalene	1.30	0.034	1.670	0	77.6	45.7	101				
Nitrobenzene	2.05	0.500	3.330	0	61.5	51.8	104				
N-Nitroso-di-n-propylamine	1.21	0.500	1.670	0	72.3	49.1	94.5				
o-Cresol	1.42	0.500	1.670	0	85.2	43	101				
Pentachlorophenol	2.92	2.00	3.330	0	87.7	42.2	102				
Phenanthrene	1.23	0.034	1.670	0	73.6	52.9	113				
Phenol	2.26	0.350	3.330	0	67.9	41.6	81.3				
Pyrene	1.33	0.034	1.670	0	79.5	60.7	115				
Pyridine	2.05	0.500	3.330	0	61.7	3.61	74.3				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCS-64537</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>11/22/2010</b>		RunNo: <b>143137</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64537</b>		<b>SW3550B</b>		Analysis Date: <b>12/2/2010</b>		SeqNo: <b>2808106</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1.77		1.670		105.8	52.1	113				
Surr: 2-Fluorobiphenyl	0.636		0.8350		76.2	46.3	106				
Surr: 2-Fluorophenol	1.26		1.670		75.2	50.6	89				
Surr: Nitrobenzene-d5	0.776		0.8350		92.9	42.4	99.2				
Surr: Phenol-d5	1.22		1.670		73.2	55.9	98.5				
Surr: p-Terphenyl-d14	0.683		0.8350		81.8	45.5	115				

Sample ID: <b>10110865-008BMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/22/2010</b>		RunNo: <b>143137</b>			
Client ID: <b>P6-H5.5-W(8)MS</b>		Batch ID: <b>64537</b>		<b>SW3550B</b>		Analysis Date: <b>12/2/2010</b>		SeqNo: <b>2808955</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.23	0.567	1.893	0	117.6	35.9	102				S
1,4-Dichlorobenzene	1.69	0.567	1.893	0	89.3	29.8	95.5				
2,4,5-Trichlorophenol	3.61	0.397	3.774	0	95.8	38.6	123				
2,4,6-Trichlorophenol	3.59	0.397	3.774	0	95.0	35.9	123				
2,4-Dimethylphenol	2.22	0.567	3.774	0	58.7	38.3	88				
2,4-Dinitrophenol	1.78	1.13	3.774	0	47.2	1.88	162				
2,4-Dinitrotoluene	2.14	0.397	1.893	0	113.0	37.5	107				S
2-Chlorophenol	2.77	0.567	3.774	0	73.3	22.6	108				
4-Chloro-3-methylphenol	2.99	0.567	3.774	0	79.2	19.3	131				
4-Nitrophenol	2.69	0.397	3.774	0	71.3	27.6	123				
Diethyl phthalate	3.51	0.567	3.774	0	93.0	51.7	106				
Dimethyl phthalate	3.81	0.397	3.774	0	101.1	58.8	104				
Di-n-butyl phthalate	1.74	0.397	1.893	0	92.2	54.3	105				
Hexachlorobenzene	5.49	0.397	3.774	0	145.5	55.9	106				S
Hexachlorobutadiene	4.81	0.567	3.774	0	127.5	35.7	100				S
Hexachloroethane	2.81	0.567	3.774	0	74.5	38.9	89.9				
m,p-Cresol	1.60	0.567	1.893	0	84.7	37.6	93.7				
Nitrobenzene	3.09	0.567	3.774	0	82.0	51.8	104				
N-Nitroso-di-n-propylamine	1.74	0.567	1.893	0	91.9	45.5	99.1				
o-Cresol	1.66	0.567	1.893	0	87.5	43	101				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: 10110865-008BMS		SampType: MS		Units: mg/Kg-dry			Prep Date: 11/22/2010		RunNo: 143137		
Client ID: P6-H5.5-W(8)MS		Batch ID: 64537		SW3550B			Analysis Date: 12/2/2010		SeqNo: 2808955		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	2.79	2.27	3.774	0	73.9	18.5	113				
Phenol	2.58	0.397	3.774	0	68.5	20.8	110				
Pyridine	3.09	0.567	3.774	0	81.9	3.61	74.3				S
Surr: 2,4,6-Tribromophenol	1.95		1.893		103.2	32.7	130				
Surr: 2-Fluorobiphenyl	0.718		0.9463		75.8	34.1	116				
Surr: 2-Fluorophenol	1.43		1.893		75.4	30.5	99				
Surr: Nitrobenzene-d5	0.954		0.9463		100.9	34.1	101				
Surr: Phenol-d5	1.35		1.893		71.4	34.9	110				
Surr: p-Terphenyl-d14	0.751		0.9463		79.3	41.7	124				

Sample ID: 10110865-008BMSD		SampType: MSD		Units: mg/Kg-dry			Prep Date: 11/22/2010		RunNo: 143137		
Client ID: P6-H5.5-W(8)MSD		Batch ID: 64537		SW3550B			Analysis Date: 12/2/2010		SeqNo: 2808956		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.29	0.569	1.899	0	120.5	35.9	102	2.226	2.76	40	S
1,4-Dichlorobenzene	1.81	0.569	1.899	0	95.3	29.8	95.5	1.689	6.88	40	
2,4,5-Trichlorophenol	3.84	0.398	3.788	0	101.4	38.6	123	3.614	6.07	40	
2,4,6-Trichlorophenol	3.66	0.398	3.788	0	96.7	35.9	123	3.586	2.16	40	
2,4-Dimethylphenol	2.27	0.569	3.788	0	60.0	38.3	88	2.216	2.49	40	
2,4-Dinitrophenol	2.17	1.14	3.788	0	57.2	1.88	162	1.780	19.6	40	
2,4-Dinitrotoluene	2.19	0.398	1.899	0	115.3	37.5	107	2.139	2.37	40	S
2-Chlorophenol	2.92	0.569	3.788	0	77.1	22.6	108	2.766	5.38	40	
4-Chloro-3-methylphenol	3.13	0.569	3.788	0	82.7	19.3	131	2.990	4.61	40	
4-Nitrophenol	2.92	0.398	3.788	0	77.2	27.6	123	2.691	8.27	40	
Diethyl phthalate	3.68	0.569	3.788	0	97.3	51.7	106	3.510	4.83	40	
Dimethyl phthalate	3.86	0.398	3.788	0	101.9	58.8	104	3.814	1.20	40	
Di-n-butyl phthalate	1.90	0.398	1.899	0	99.8	54.3	105	1.744	8.31	40	
Hexachlorobenzene	6.08	0.398	3.788	0	160.5	55.9	106	5.493	10.1	40	SE
Hexachlorobutadiene	4.78	0.569	3.788	0	126.2	35.7	100	4.813	0.689	40	S
Hexachloroethane	3.24	0.569	3.788	0	85.6	38.9	89.9	2.813	14.2	40	
m,p-Cresol	1.72	0.569	1.899	0	90.7	37.6	93.7	1.602	7.30	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrobenzene	3.19	0.569	3.788	0	84.3	51.8	104	3.094	3.11	40	
N-Nitroso-di-n-propylamine	1.84	0.569	1.899	0	97.0	45.5	99.1	1.738	5.79	40	
o-Cresol	1.87	0.569	1.899	0	98.7	43	101	1.655	12.4	40	
Pentachlorophenol	3.46	2.27	3.788	0	91.2	18.5	113	2.789	21.3	40	
Phenol	2.70	0.398	3.788	0	71.4	20.8	110	2.584	4.54	40	
Pyridine	3.30	0.569	3.788	0	87.2	3.61	74.3	3.090	6.64	40	S
Surr: 2,4,6-Tribromophenol	1.91		1.899		100.6	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	0.667		0.9497		70.2	34.1	116		0	40	
Surr: 2-Fluorophenol	1.38		1.899		72.7	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.974		0.9497		102.6	34.1	101		0	40	S
Surr: Phenol-d5	1.36		1.899		71.7	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.802		0.9497		84.4	41.7	124		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MB-64538</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142882</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64538</b>	<b>SW3550B</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2801993</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									
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-Fluorophenol	0.277		0.3330		83.3	42.2	90.4				
Surr: Phenol-d5	0.274		0.3330		82.4	44.6	93.7				
Surr: p-Terphenyl-d14	0.116		0.1670		69.7	34.5	120				

Sample ID: <b>LCS-64538</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142882</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64538</b>	<b>SW3550B</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2801994</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	78.1	56.3	115				
Acenaphthylene	0.127	0.003	0.1670	0	76.2	60.3	143				
Anthracene	0.122	0.003	0.1670	0	73.3	52.1	109				
Benzo(a)anthracene	0.121	0.003	0.1670	0	72.4	52.8	112				
Benzo(a)pyrene	0.119	0.003	0.1670	0	71.5	40.8	127				
Benzo(b)fluoranthene	0.130	0.003	0.1670	0	78.1	50.1	150				
Benzo(g,h,i)perylene	0.134	0.003	0.1670	0	80.3	52.8	145				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10110865

Report Date: 13-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(k)fluoranthene	0.133	0.003	0.1670	0	79.5	52	153				
Chrysene	0.133	0.003	0.1670	0	79.4	60.8	128				
Dibenzo(a,h)anthracene	0.130	0.003	0.1670	0	77.9	54.9	150				
Fluoranthene	0.131	0.003	0.1670	0	78.4	58.7	125				
Fluorene	0.126	0.003	0.1670	0	75.6	57.8	125				
Indeno(1,2,3-cd)pyrene	0.133	0.003	0.1670	0	79.5	52	147				
Naphthalene	0.120	0.003	0.1670	0	71.6	54.8	113				
Phenanthrene	0.130	0.003	0.1670	0	78.1	60.4	121				
Pyrene	0.125	0.003	0.1670	0	74.6	57.9	129				
Surr: 2-Fluorophenol	0.262		0.3330		78.7	42.2	90.4				
Surr: Phenol-d5	0.271		0.3330		81.3	44.6	93.7				
Surr: p-Terphenyl-d14	0.117		0.1670		70.3	34.5	120				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: LCS-F101119-1	SampType: LCS	Units: µg/Kg				Prep Date: 11/19/2010	RunNo: 142749					
Client ID: ZZZZZZ	Batch ID: 64489	SW5035				Analysis Date: 11/19/2010	SeqNo: 2798168					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	47.9	5.0	50.00	0	95.8	0	200					
1,1,1-Trichloroethane	49.8	5.0	50.00	0	99.6	85.6	124					
1,1,2,2-Tetrachloroethane	50.9	5.0	50.00	0	101.9	0	200					
1,1,2-Trichloro-1,2,2-trifluoroethane	41.4	5.0	50.00	0	82.9	0	200					
1,1,2-Trichloroethane	48.8	5.0	50.00	0	97.6	0	200					
1,1-Dichloro-2-propanone	150	50.0	125.0	0	120.0	0	200					
1,1-Dichloroethane	50.6	5.0	50.00	0	101.3	0	200					
1,1-Dichloroethene	40.2	5.0	50.00	0	80.4	60.1	131					
1,1-Dichloropropene	49.8	5.0	50.00	0	99.6	0	200					
1,2,3-Trichlorobenzene	45.3	5.0	50.00	0	90.5	0	200					
1,2,3-Trichloropropane	48.2	10	50.00	0	96.3	0	200					
1,2,3-Trimethylbenzene	45.8	5.0	50.00	0	91.5	0	200					
1,2,4-Trichlorobenzene	46.9	5.0	50.00	0	93.9	0	200					
1,2,4-Trimethylbenzene	48.1	5.0	50.00	0	96.3	0	200					
1,2-Dibromo-3-chloropropane	42.0	5.0	50.00	0	84.1	0	200					
1,2-Dibromoethane	50.1	5.0	50.00	0	100.2	86.9	119					
1,2-Dichlorobenzene	47.8	5.0	50.00	0	95.7	88	119					
1,2-Dichloroethane	57.5	5.0	50.00	0	115.0	73	117					
1,2-Dichloropropane	52.5	5.0	50.00	0	105.0	0	200					
1,3,5-Trimethylbenzene	47.0	5.0	50.00	0	94.1	0	200					
1,3-Dichlorobenzene	48.5	5.0	50.00	0	97.0	85.8	125					
1,3-Dichloropropane	50.4	5.0	50.00	0	100.7	0	200					
1,4-Dichlorobenzene	48.3	5.0	50.00	0	96.5	84.5	124					
1-Chlorobutane	45.7	5.0	50.00	0	91.4	0	200					
2,2-Dichloropropane	50.9	5.0	50.00	0	101.7	0	200					
2-Butanone	137	50.0	125.0	0	109.4	45.3	136					
2-Chlorotoluene	48.3	5.0	50.00	0	96.6	0	200					
2-Hexanone	132	50.0	125.0	0	105.2	0	200					
2-Nitropropane	53.2	50.0	50.00	0	106.4	0	200					
4-Chlorotoluene	48.0	5.0	50.00	0	96.1	0	200					
4-Methyl-2-pentanone	138	50.0	125.0	0	110.2	0	200					

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: LCS-F101119-1	SampType: LCS	Units: µg/Kg					Prep Date: 11/19/2010	RunNo: 142749			
Client ID: ZZZZZZ	Batch ID: 64489	SW5035					Analysis Date: 11/19/2010	SeqNo: 2798168			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	182	50.0	125.0	0	145.3	0	200				
Acrylonitrile	52.0	10	50.00	0	104.1	0	200				
Allyl chloride	51.6	5.0	50.00	0	103.2	0	200				
Benzene	51.0	1.0	50.00	0	102.1	73.9	109				
Bromobenzene	49.3	5.0	50.00	0	98.5	0	200				
Bromochloromethane	52.4	5.0	50.00	0	104.8	0	200				
Bromodichloromethane	52.0	5.0	50.00	0	104.0	91.3	126				
Bromoform	43.9	5.0	50.00	0	87.9	0	200				
Bromomethane	9.6	10	50.00	0	19.2	0	200				J
Carbon disulfide	35.7	5.0	50.00	0	71.5	0	200				
Carbon tetrachloride	50.2	5.0	50.00	0	100.3	83.3	127				
Chlorobenzene	49.2	5.0	50.00	0	98.4	85.8	116				
Chloroethane	30.9	10	50.00	0	61.8	0	200				
Chloroform	53.1	5.0	50.00	0	106.3	80	113				
Chloromethane	14.0	10	50.00	0	28.0	0	200				
cis-1,2-Dichloroethene	49.2	5.0	50.00	0	98.3	0	200				
cis-1,3-Dichloropropene	50.2	4.0	50.00	0	100.3	0	200				
Cyclohexanone	262	100	250.0	0	105.0	0	200				
Dibromochloromethane	46.8	5.0	50.00	0	93.6	89.1	119				
Dibromomethane	51.0	5.0	50.00	0	102.0	0	200				
Dichlorodifluoromethane	3.4	10	50.00	0	6.8	0	200				J
Ethyl acetate	51.6	50.0	50.00	0	103.3	0	200				
Ethyl ether	46.0	5.0	50.00	0	91.9	0	200				
Ethyl methacrylate	48.7	5.0	50.00	0	97.5	0	200				
Ethylbenzene	47.4	5.0	50.00	0	94.8	84.1	115				
Heptane	57.4	20.0	50.00	0	114.9	0	200				
Hexachlorobutadiene	45.3	5.0	50.00	0	90.7	0	200				
Hexachloroethane	42.2	5.0	50.00	0	84.5	0	200				
Iodomethane	28.2	10	50.00	0	56.4	0	200				
Isopropylbenzene	48.6	5.0	50.00	0	97.3	0	200				
m,p-Xylenes	96.5	5.0	100.0	0	96.5	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: LCS-F101119-1	SampType: LCS	Units: µg/Kg					Prep Date: 11/19/2010	RunNo: 142749			
Client ID: ZZZZZZ	Batch ID: 64489	SW5035					Analysis Date: 11/19/2010	SeqNo: 2798168			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	53.4	50.0	50.00	0	106.8	0	200				
Methyl Methacrylate	50.5	5.0	50.00	0	101.0	0	200				
Methyl tert-butyl ether	53.4	2.0	50.00	0	106.8	80	128				
Methylacrylate	55.0	10	50.00	0	109.9	0	200				
Methylene chloride	45.5	5.0	50.00	0	91.0	73.9	116				
Naphthalene	45.2	10	50.00	0	90.4	73.1	135				
n-Butylbenzene	48.8	5.0	50.00	0	97.6	0	200				
n-Hexane	40.0	20.0	50.00	0	80.1	0	200				
Nitrobenzene	ND	100	50.00	0	0	0	200				
n-Propylbenzene	48.0	5.0	50.00	0	95.9	0	200				
o-Xylene	48.2	5.0	50.00	0	96.4	82	117				
Pentachloroethane	51.1	5.0	50.00	0	102.2	0	200				
p-Isopropyltoluene	47.4	5.0	50.00	0	94.8	0	200				
Propionitrile	55.9	50.0	50.00	0	111.8	0	200				
sec-Butylbenzene	47.4	5.0	50.00	0	94.7	0	200				
Styrene	49.0	5.0	50.00	0	98.0	0	200				
tert-Butylbenzene	46.8	5.0	50.00	0	93.5	0	200				
Tetrachloroethene	43.8	5.0	50.00	0	87.6	74.6	115				
Tetrahydrofuran	50.3	50.0	50.00	0	100.6	0	200				
Toluene	47.8	5.0	50.00	0	95.7	79.1	112				
trans-1,2-Dichloroethene	49.5	5.0	50.00	0	98.9	0	200				
trans-1,3-Dichloropropene	49.9	4.0	50.00	0	99.7	0	200				
Trichloroethene	49.3	5.0	50.00	0	98.7	81	111				
Trichlorofluoromethane	33.1	5.0	50.00	0	66.2	0	200				
Vinyl acetate	50.9	50.0	50.00	0	101.9	0	200				
Vinyl chloride	21.4	2.0	50.00	0	42.8	0	200				
Surr: 1,2-Dichloroethane-d4	59.6		50.00		119.3	72.2	131				
Surr: 4-Bromofluorobenzene	50.5		50.00		100.9	82.1	116				
Surr: Dibromofluoromethane	55.4		50.00		110.8	77.7	120				
Surr: Toluene-d8	50.4		50.00		100.7	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-F101119-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142749</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64489</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798169</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	49.5	5.0	50.00	0	99.0	0	200	47.91	3.22	20	
1,1,1-Trichloroethane	50.7	5.0	50.00	0	101.4	85.6	124	49.80	1.79	20	
1,1,2,2-Tetrachloroethane	53.0	5.0	50.00	0	106.0	0	200	50.94	3.94	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	41.8	5.0	50.00	0	83.5	0	200	41.45	0.721	20	
1,1,2-Trichloroethane	51.2	5.0	50.00	0	102.3	0	200	48.79	4.76	20	
1,1-Dichloro-2-propanone	142	50.0	125.0	0	113.6	0	200	150.0	5.49	20	
1,1-Dichloroethane	51.4	5.0	50.00	0	102.7	0	200	50.65	1.39	20	
1,1-Dichloroethene	40.4	5.0	50.00	0	80.7	60.1	131	40.20	0.372	20	
1,1-Dichloropropene	50.1	5.0	50.00	0	100.2	0	200	49.78	0.641	20	
1,2,3-Trichlorobenzene	44.0	5.0	50.00	0	88.0	0	200	45.26	2.82	20	
1,2,3-Trichloropropane	49.2	10	50.00	0	98.4	0	200	48.16	2.18	20	
1,2,3-Trimethylbenzene	45.8	5.0	50.00	0	91.7	0	200	45.75	0.197	20	
1,2,4-Trichlorobenzene	45.2	5.0	50.00	0	90.4	0	200	46.94	3.78	20	
1,2,4-Trimethylbenzene	47.9	5.0	50.00	0	95.8	0	200	48.14	0.458	20	
1,2-Dibromo-3-chloropropane	42.1	5.0	50.00	0	84.2	0	200	42.05	0.0951	20	
1,2-Dibromoethane	52.1	5.0	50.00	0	104.2	86.9	119	50.08	3.97	20	
1,2-Dichlorobenzene	48.1	5.0	50.00	0	96.2	88	119	47.85	0.542	20	
1,2-Dichloroethane	57.7	5.0	50.00	0	115.4	73	117	57.50	0.365	20	
1,2-Dichloropropane	53.3	5.0	50.00	0	106.6	0	200	52.52	1.51	20	
1,3,5-Trimethylbenzene	48.3	5.0	50.00	0	96.6	0	200	47.05	2.66	20	
1,3-Dichlorobenzene	48.5	5.0	50.00	0	96.9	85.8	125	48.51	0.0825	20	
1,3-Dichloropropane	52.4	5.0	50.00	0	104.7	0	200	50.35	3.93	20	
1,4-Dichlorobenzene	48.3	5.0	50.00	0	96.6	84.5	124	48.27	0.104	20	
1-Chlorobutane	49.2	5.0	50.00	0	98.4	0	200	45.71	7.33	20	
2,2-Dichloropropane	52.2	5.0	50.00	0	104.4	0	200	50.86	2.58	20	
2-Butanone	140	50.0	125.0	0	112.2	45.3	136	136.8	2.49	20	
2-Chlorotoluene	48.8	5.0	50.00	0	97.6	0	200	48.31	0.968	20	
2-Hexanone	135	50.0	125.0	0	108.3	0	200	131.5	2.90	20	
2-Nitropropane	51.6	50.0	50.00	0	103.2	0	200	53.18	3.05	20	
4-Chlorotoluene	48.9	5.0	50.00	0	97.8	0	200	48.05	1.71	20	
4-Methyl-2-pentanone	137	50.0	125.0	0	110.0	0	200	137.7	0.182	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-F101119-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/19/2010</b>			RunNo: <b>142749</b>		
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64489</b>	<b>SW5035</b>				Analysis Date: <b>11/19/2010</b>			SeqNo: <b>2798169</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	190	50.0	125.0	0	151.9	0	200	181.6	4.41	20	
Acrylonitrile	52.0	10	50.00	0	104.0	0	200	52.05	0.0961	20	
Allyl chloride	51.6	5.0	50.00	0	103.2	0	200	51.59	0	20	
Benzene	51.7	1.0	50.00	0	103.3	73.9	109	51.05	1.19	20	
Bromobenzene	51.1	5.0	50.00	0	102.1	0	200	49.27	3.59	20	
Bromochloromethane	53.4	5.0	50.00	0	106.8	0	200	52.40	1.87	20	
Bromodichloromethane	52.3	5.0	50.00	0	104.6	91.3	126	52.00	0.613	20	
Bromoform	43.2	5.0	50.00	0	86.5	0	200	43.94	1.58	20	
Bromomethane	10.3	10	50.00	0	20.5	0	200	9.600	6.74	20	
Carbon disulfide	36.2	5.0	50.00	0	72.5	0	200	35.74	1.36	20	
Carbon tetrachloride	50.8	5.0	50.00	0	101.6	83.3	127	50.17	1.23	20	
Chlorobenzene	49.6	5.0	50.00	0	99.1	85.8	116	49.19	0.770	20	
Chloroethane	31.6	10	50.00	0	63.3	0	200	30.90	2.40	20	
Chloroform	54.0	5.0	50.00	0	108.1	80	113	53.13	1.70	20	
Chloromethane	12.7	10	50.00	0	25.5	0	200	13.99	9.35	20	
cis-1,2-Dichloroethene	49.9	5.0	50.00	0	99.9	0	200	49.17	1.55	20	
cis-1,3-Dichloropropene	50.4	4.0	50.00	0	100.7	0	200	50.17	0.378	20	
Cyclohexanone	280	100	250.0	0	111.9	0	200	262.5	6.40	20	
Dibromochloromethane	48.7	5.0	50.00	0	97.4	89.1	119	46.81	3.96	20	
Dibromomethane	50.8	5.0	50.00	0	101.6	0	200	51.00	0.373	20	
Dichlorodifluoromethane	3.2	10	50.00	0	6.3	0	200	3.400	0	20	J
Ethyl acetate	48	50.0	50.00	0	96.8	0	200	51.65	0	20	J
Ethyl ether	45.2	5.0	50.00	0	90.5	0	200	45.95	1.56	20	
Ethyl methacrylate	50.5	5.0	50.00	0	101.1	0	200	48.74	3.61	20	
Ethylbenzene	46.7	5.0	50.00	0	93.4	84.1	115	47.39	1.45	20	
Heptane	57.2	20.0	50.00	0	114.5	0	200	57.44	0.349	20	
Hexachlorobutadiene	44.1	5.0	50.00	0	88.1	0	200	45.34	2.84	20	
Hexachloroethane	43.5	5.0	50.00	0	87.1	0	200	42.25	2.98	20	
Iodomethane	29.5	10	50.00	0	59.1	0	200	28.18	4.68	20	
Isopropylbenzene	46.9	5.0	50.00	0	93.7	0	200	48.63	3.69	20	
m,p-Xylenes	94.4	5.0	100.0	0	94.4	79.1	111	96.46	2.14	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCSD-F101119-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142749</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64489</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798169</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	53.2	50.0	50.00	0	106.4	0	200	53.40	0.356	20	
Methyl Methacrylate	50.2	5.0	50.00	0	100.3	0	200	50.50	0.656	20	
Methyl tert-butyl ether	53.4	2.0	50.00	0	106.7	80	128	53.39	0.0562	20	
Methylacrylate	54.9	10	50.00	0	109.9	0	200	54.95	0.0182	20	
Methylene chloride	45.4	5.0	50.00	0	90.7	73.9	116	45.49	0.308	20	
Naphthalene	44.0	10	50.00	0	88.0	73.1	135	45.19	2.65	20	
n-Butylbenzene	47.6	5.0	50.00	0	95.2	0	200	48.79	2.51	20	
n-Hexane	39.4	20.0	50.00	0	78.7	0	200	40.04	1.69	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	0	0	20	
n-Propylbenzene	48.5	5.0	50.00	0	97.0	0	200	47.97	1.14	20	
o-Xylene	46.8	5.0	50.00	0	93.7	82	117	48.22	2.90	20	
Pentachloroethane	48.6	5.0	50.00	0	97.2	0	200	51.09	4.95	20	
p-Isopropyltoluene	48.3	5.0	50.00	0	96.6	0	200	47.39	1.92	20	
Propionitrile	54.6	50.0	50.00	0	109.1	0	200	55.88	2.37	20	
sec-Butylbenzene	47.9	5.0	50.00	0	95.7	0	200	47.36	1.07	20	
Styrene	47.4	5.0	50.00	0	94.8	0	200	48.99	3.26	20	
tert-Butylbenzene	47.7	5.0	50.00	0	95.3	0	200	46.77	1.91	20	
Tetrachloroethene	47.1	5.0	50.00	0	94.2	74.6	115	43.80	7.28	20	
Tetrahydrofuran	50	50.0	50.00	0	99.6	0	200	50.28	0	20	J
Toluene	49.7	5.0	50.00	0	99.4	79.1	112	47.84	3.77	20	
trans-1,2-Dichloroethene	49.8	5.0	50.00	0	99.7	0	200	49.46	0.745	20	
trans-1,3-Dichloropropene	51.9	4.0	50.00	0	103.9	0	200	49.86	4.09	20	
Trichloroethene	49.8	5.0	50.00	0	99.7	81	111	49.33	1.03	20	
Trichlorofluoromethane	33.4	5.0	50.00	0	66.7	0	200	33.11	0.722	20	
Vinyl acetate	50	50.0	50.00	0	99.3	0	200	50.93	0	20	J
Vinyl chloride	21.6	2.0	50.00	0	43.3	0	200	21.38	1.21	20	
Surr: 1,2-Dichloroethane-d4	59.0		50.00		118.1	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	48.2		50.00		96.4	82.1	116		0	20	
Surr: Dibromofluoromethane	55.0		50.00		110.1	77.7	120		0	20	
Surr: Toluene-d8	51.5		50.00		103.0	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MBLK-F101119-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142749</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64489</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798170</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MBLK-F101119-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142749</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64489</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798170</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MBLK-F101119-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/19/2010</b>	RunNo: <b>142749</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64489</b>	<b>SW5035</b>	Analysis Date: <b>11/19/2010</b>	SeqNo: <b>2798170</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	58.8		50.00		117.5	72.2	131				
Surr: 4-Bromofluorobenzene	49.4		50.00		98.7	82.1	116				
Surr: Dibromofluoromethane	55.4		50.00		110.7	77.7	120				
Surr: Toluene-d8	49.9		50.00		99.8	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCS-G101122-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>					Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801250</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	46.4	5.0	50.00	0	92.7	0	200				
1,1,1-Trichloroethane	46.3	5.0	50.00	0	92.6	85.6	124				
1,1,2,2-Tetrachloroethane	46.2	5.0	50.00	0	92.5	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	35.8	5.0	50.00	0	71.6	0	200				
1,1,2-Trichloroethane	44.8	5.0	50.00	0	89.5	0	200				
1,1-Dichloro-2-propanone	118	50.0	125.0	0	94.1	0	200				
1,1-Dichloroethane	43.4	5.0	50.00	0	86.8	0	200				
1,1-Dichloroethene	33.3	5.0	50.00	0	66.6	60.1	131				
1,1-Dichloropropene	43.8	5.0	50.00	0	87.6	0	200				
1,2,3-Trichlorobenzene	54.3	5.0	50.00	0	108.7	0	200				
1,2,3-Trichloropropane	47.5	10	50.00	0	95.1	0	200				
1,2,3-Trimethylbenzene	45.8	5.0	50.00	0	91.5	0	200				
1,2,4-Trichlorobenzene	54.9	5.0	50.00	0	109.8	0	200				
1,2,4-Trimethylbenzene	47.1	5.0	50.00	0	94.2	0	200				
1,2-Dibromo-3-chloropropane	45.9	5.0	50.00	0	91.9	0	200				
1,2-Dibromoethane	46.5	5.0	50.00	0	93.0	86.9	119				
1,2-Dichlorobenzene	46.5	5.0	50.00	0	93.1	88	119				
1,2-Dichloroethane	48.8	5.0	50.00	0	97.7	73	117				
1,2-Dichloropropane	46.0	5.0	50.00	0	92.1	0	200				
1,3,5-Trimethylbenzene	46.8	5.0	50.00	0	93.6	0	200				
1,3-Dichlorobenzene	46.8	5.0	50.00	0	93.7	85.8	125				
1,3-Dichloropropane	44.8	5.0	50.00	0	89.7	0	200				
1,4-Dichlorobenzene	46.3	5.0	50.00	0	92.6	84.5	124				
1-Chlorobutane	40.9	5.0	50.00	0	81.9	0	200				
2,2-Dichloropropane	43.7	5.0	50.00	0	87.4	0	200				
2-Butanone	130	50.0	125.0	0	103.8	45.3	136				
2-Chlorotoluene	45.7	5.0	50.00	0	91.3	0	200				
2-Hexanone	119	50.0	125.0	0	94.9	0	200				
2-Nitropropane	51.4	50.0	50.00	0	102.7	0	200				
4-Chlorotoluene	46.6	5.0	50.00	0	93.2	0	200				
4-Methyl-2-pentanone	120	50.0	125.0	0	95.9	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: LCS-G101122-1	SampType: LCS	Units: µg/Kg					Prep Date: 11/22/2010	RunNo: 142852			
Client ID: ZZZZZZ	Batch ID: 64545	SW5035					Analysis Date: 11/22/2010	SeqNo: 2801250			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	168	50.0	125.0	0	134.7	0	200				
Acrylonitrile	42.1	10	50.00	0	84.2	0	200				
Allyl chloride	41.7	5.0	50.00	0	83.4	0	200				
Benzene	42.9	1.0	50.00	0	85.9	73.9	109				
Bromobenzene	45.6	5.0	50.00	0	91.1	0	200				
Bromochloromethane	46.3	5.0	50.00	0	92.6	0	200				
Bromodichloromethane	49.3	5.0	50.00	0	98.7	91.3	126				
Bromoform	47.7	5.0	50.00	0	95.4	0	200				
Bromomethane	23.1	10	50.00	0	46.1	0	200				
Carbon disulfide	29.1	5.0	50.00	0	58.2	0	200				
Carbon tetrachloride	46.6	5.0	50.00	0	93.1	83.3	127				
Chlorobenzene	45.6	5.0	50.00	0	91.3	85.8	116				
Chloroethane	23.9	10	50.00	0	47.9	0	200				
Chloroform	47.8	5.0	50.00	0	95.5	80	113				
Chloromethane	8.5	10	50.00	0	17.0	0	200				J
cis-1,2-Dichloroethene	44.4	5.0	50.00	0	88.7	0	200				
cis-1,3-Dichloropropene	47.5	4.0	50.00	0	95.1	0	200				
Cyclohexanone	254	100	250.0	0	101.8	0	200				
Dibromochloromethane	46.5	5.0	50.00	0	93.0	89.1	119				
Dibromomethane	46.7	5.0	50.00	0	93.4	0	200				
Dichlorodifluoromethane	ND	10	50.00	0	0	0	200				
Ethyl acetate	46	50.0	50.00	0	92.0	0	200				J
Ethyl ether	40.8	5.0	50.00	0	81.6	0	200				
Ethyl methacrylate	41.6	5.0	50.00	0	83.2	0	200				
Ethylbenzene	45.2	5.0	50.00	0	90.4	84.1	115				
Heptane	40.0	20.0	50.00	0	80.0	0	200				
Hexachlorobutadiene	52.8	5.0	50.00	0	105.7	0	200				
Hexachloroethane	48.1	5.0	50.00	0	96.2	0	200				
Iodomethane	33.4	10	50.00	0	66.8	0	200				
Isopropylbenzene	45.9	5.0	50.00	0	91.8	0	200				
m,p-Xylenes	89.4	5.0	100.0	0	89.4	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCS-G101122-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>				Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801250</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	45	50.0	50.00	0	89.6	0	200				J
Methyl Methacrylate	43.8	5.0	50.00	0	87.5	0	200				
Methyl tert-butyl ether	44.2	2.0	50.00	0	88.4	80	128				
Methylacrylate	44.7	10	50.00	0	89.4	0	200				
Methylene chloride	40.3	5.0	50.00	0	80.6	73.9	116				
Naphthalene	52.0	10	50.00	0	104.1	73.1	135				
n-Butylbenzene	49.0	5.0	50.00	0	97.9	0	200				
n-Hexane	32.4	20.0	50.00	0	64.7	0	200				
Nitrobenzene	67	100	50.00	0	134.7	0	200				J
n-Propylbenzene	46.4	5.0	50.00	0	92.8	0	200				
o-Xylene	43.9	5.0	50.00	0	87.9	82	117				
Pentachloroethane	47.0	5.0	50.00	0	93.9	0	200				
p-Isopropyltoluene	46.4	5.0	50.00	0	92.8	0	200				
Propionitrile	48	50.0	50.00	0	95.8	0	200				J
sec-Butylbenzene	47.4	5.0	50.00	0	94.9	0	200				
Styrene	44.7	5.0	50.00	0	89.4	0	200				
tert-Butylbenzene	46.0	5.0	50.00	0	92.1	0	200				
Tetrachloroethene	45.5	5.0	50.00	0	91.1	74.6	115				
Tetrahydrofuran	44	50.0	50.00	0	87.8	0	200				J
Toluene	43.2	5.0	50.00	0	86.4	79.1	112				
trans-1,2-Dichloroethene	42.6	5.0	50.00	0	85.1	0	200				
trans-1,3-Dichloropropene	44.8	4.0	50.00	0	89.6	0	200				
Trichloroethene	46.8	5.0	50.00	0	93.5	81	111				
Trichlorofluoromethane	26.8	5.0	50.00	0	53.6	0	200				
Vinyl acetate	45	50.0	50.00	0	89.9	0	200				J
Vinyl chloride	13.4	2.0	50.00	0	26.7	0	200				
Surr: 1,2-Dichloroethane-d4	51.8		50.00		103.6	72.2	131				
Surr: 4-Bromofluorobenzene	49.8		50.00		99.7	82.1	116				
Surr: Dibromofluoromethane	53.4		50.00		106.8	77.7	120				
Surr: Toluene-d8	48.9		50.00		97.7	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCSD-G101122-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>					Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>					Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801251</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	48.9	5.0	50.00	0	97.9	0	200	46.37	5.39	20	
1,1,1-Trichloroethane	48.6	5.0	50.00	0	97.2	85.6	124	46.31	4.83	20	
1,1,2,2-Tetrachloroethane	50.5	5.0	50.00	0	101.1	0	200	46.25	8.84	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	38.6	5.0	50.00	0	77.2	0	200	35.81	7.45	20	
1,1,2-Trichloroethane	49.1	5.0	50.00	0	98.3	0	200	44.75	9.33	20	
1,1-Dichloro-2-propanone	132	50.0	125.0	0	105.9	0	200	117.7	11.8	20	
1,1-Dichloroethane	46.1	5.0	50.00	0	92.3	0	200	43.38	6.17	20	
1,1-Dichloroethene	35.5	5.0	50.00	0	71.0	60.1	131	33.29	6.37	20	
1,1-Dichloropropene	46.3	5.0	50.00	0	92.6	0	200	43.78	5.57	20	
1,2,3-Trichlorobenzene	56.8	5.0	50.00	0	113.5	0	200	54.34	4.37	20	
1,2,3-Trichloropropane	51.7	10	50.00	0	103.4	0	200	47.53	8.40	20	
1,2,3-Trimethylbenzene	48.0	5.0	50.00	0	95.9	0	200	45.77	4.67	20	
1,2,4-Trichlorobenzene	57.0	5.0	50.00	0	114.0	0	200	54.88	3.81	20	
1,2,4-Trimethylbenzene	48.9	5.0	50.00	0	97.8	0	200	47.10	3.79	20	
1,2-Dibromo-3-chloropropane	51.6	5.0	50.00	0	103.2	0	200	45.93	11.6	20	
1,2-Dibromoethane	50.2	5.0	50.00	0	100.3	86.9	119	46.52	7.55	20	
1,2-Dichlorobenzene	49.0	5.0	50.00	0	98.0	88	119	46.54	5.11	20	
1,2-Dichloroethane	52.2	5.0	50.00	0	104.5	73	117	48.83	6.73	20	
1,2-Dichloropropane	48.6	5.0	50.00	0	97.3	0	200	46.05	5.47	20	
1,3,5-Trimethylbenzene	48.7	5.0	50.00	0	97.3	0	200	46.82	3.85	20	
1,3-Dichlorobenzene	48.8	5.0	50.00	0	97.6	85.8	125	46.83	4.12	20	
1,3-Dichloropropane	48.3	5.0	50.00	0	96.5	0	200	44.85	7.32	20	
1,4-Dichlorobenzene	48.6	5.0	50.00	0	97.2	84.5	124	46.28	4.85	20	
1-Chlorobutane	42.9	5.0	50.00	0	85.7	0	200	40.94	4.61	20	
2,2-Dichloropropane	46.0	5.0	50.00	0	92.1	0	200	43.72	5.19	20	
2-Butanone	143	50.0	125.0	0	114.6	45.3	136	129.8	9.88	20	
2-Chlorotoluene	47.6	5.0	50.00	0	95.2	0	200	45.67	4.14	20	
2-Hexanone	133	50.0	125.0	0	106.3	0	200	118.6	11.4	20	
2-Nitropropane	57.3	50.0	50.00	0	114.6	0	200	51.35	11.0	20	
4-Chlorotoluene	48.5	5.0	50.00	0	97.0	0	200	46.61	3.97	20	
4-Methyl-2-pentanone	133	50.0	125.0	0	106.7	0	200	119.8	10.7	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCSD-G101122-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>				Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801251</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	186	50.0	125.0	0	148.8	0	200	168.4	9.96	20	
Acrylonitrile	47.1	10	50.00	0	94.2	0	200	42.12	11.2	20	
Allyl chloride	44.2	5.0	50.00	0	88.4	0	200	41.69	5.89	20	
Benzene	45.0	1.0	50.00	0	89.9	73.9	109	42.93	4.60	20	
Bromobenzene	48.3	5.0	50.00	0	96.6	0	200	45.56	5.88	20	
Bromochloromethane	49.0	5.0	50.00	0	98.0	0	200	46.29	5.67	20	
Bromodichloromethane	51.9	5.0	50.00	0	103.8	91.3	126	49.33	5.06	20	
Bromoform	51.3	5.0	50.00	0	102.5	0	200	47.70	7.19	20	
Bromomethane	22.6	10	50.00	0	45.3	0	200	23.06	1.84	20	
Carbon disulfide	30.8	5.0	50.00	0	61.5	0	200	29.08	5.61	20	
Carbon tetrachloride	48.9	5.0	50.00	0	97.8	83.3	127	46.55	4.92	20	
Chlorobenzene	47.7	5.0	50.00	0	95.5	85.8	116	45.64	4.50	20	
Chloroethane	24.9	10	50.00	0	49.7	0	200	23.93	3.85	20	
Chloroform	50.2	5.0	50.00	0	100.4	80	113	47.76	4.98	20	
Chloromethane	9.1	10	50.00	0	18.2	0	200	8.520	0	20	J
cis-1,2-Dichloroethene	46.6	5.0	50.00	0	93.3	0	200	44.35	5.01	20	
cis-1,3-Dichloropropene	50.4	4.0	50.00	0	100.7	0	200	47.53	5.76	20	
Cyclohexanone	259	100	250.0	0	103.7	0	200	254.4	1.87	20	
Dibromochloromethane	49.7	5.0	50.00	0	99.4	89.1	119	46.49	6.63	20	
Dibromomethane	50.5	5.0	50.00	0	101.1	0	200	46.69	7.92	20	
Dichlorodifluoromethane	ND	10	50.00	0	0	0	200	0	0	20	
Ethyl acetate	52.3	50.0	50.00	0	104.6	0	200	45.99	12.8	20	
Ethyl ether	44.0	5.0	50.00	0	87.9	0	200	40.80	7.48	20	
Ethyl methacrylate	45.8	5.0	50.00	0	91.6	0	200	41.60	9.65	20	
Ethylbenzene	47.0	5.0	50.00	0	94.0	84.1	115	45.19	3.93	20	
Heptane	40.5	20.0	50.00	0	81.0	0	200	39.98	1.29	20	
Hexachlorobutadiene	54.8	5.0	50.00	0	109.6	0	200	52.84	3.61	20	
Hexachloroethane	50.8	5.0	50.00	0	101.6	0	200	48.08	5.52	20	
Iodomethane	40.3	10	50.00	0	80.5	0	200	33.38	18.7	20	
Isopropylbenzene	47.8	5.0	50.00	0	95.5	0	200	45.89	3.99	20	
m,p-Xylenes	93.1	5.0	100.0	0	93.1	79.1	111	89.35	4.15	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCSD-G101122-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>				Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801251</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	49	50.0	50.00	0	98.4	0	200	44.82	0	20	J
Methyl Methacrylate	48.0	5.0	50.00	0	96.1	0	200	43.75	9.33	20	
Methyl tert-butyl ether	47.6	2.0	50.00	0	95.2	80	128	44.20	7.41	20	
Methylacrylate	49.6	10	50.00	0	99.2	0	200	44.72	10.3	20	
Methylene chloride	42.3	5.0	50.00	0	84.6	73.9	116	40.31	4.82	20	
Naphthalene	56.3	10	50.00	0	112.6	73.1	135	52.05	7.81	20	
n-Butylbenzene	50.9	5.0	50.00	0	101.9	0	200	48.96	3.94	20	
n-Hexane	33.4	20.0	50.00	0	66.9	0	200	32.35	3.34	20	
Nitrobenzene	64	100	50.00	0	128.8	0	200	67.37	0	20	J
n-Propylbenzene	48.2	5.0	50.00	0	96.4	0	200	46.39	3.79	20	
o-Xylene	45.9	5.0	50.00	0	91.7	82	117	43.93	4.32	20	
Pentachloroethane	49.4	5.0	50.00	0	98.9	0	200	46.97	5.12	20	
p-Isopropyltoluene	48.3	5.0	50.00	0	96.5	0	200	46.38	3.97	20	
Propionitrile	52.1	50.0	50.00	0	104.2	0	200	47.91	8.38	20	
sec-Butylbenzene	49.3	5.0	50.00	0	98.6	0	200	47.45	3.82	20	
Styrene	46.7	5.0	50.00	0	93.4	0	200	44.72	4.31	20	
tert-Butylbenzene	48.0	5.0	50.00	0	96.0	0	200	46.04	4.15	20	
Tetrachloroethene	47.7	5.0	50.00	0	95.4	74.6	115	45.53	4.66	20	
Tetrahydrofuran	48	50.0	50.00	0	96.0	0	200	43.88	0	20	J
Toluene	45.1	5.0	50.00	0	90.2	79.1	112	43.21	4.24	20	
trans-1,2-Dichloroethene	44.9	5.0	50.00	0	89.8	0	200	42.56	5.31	20	
trans-1,3-Dichloropropene	47.7	4.0	50.00	0	95.4	0	200	44.81	6.25	20	
Trichloroethene	49.0	5.0	50.00	0	98.1	81	111	46.76	4.74	20	
Trichlorofluoromethane	28.4	5.0	50.00	0	56.9	0	200	26.79	6.01	20	
Vinyl acetate	48	50.0	50.00	0	95.9	0	200	44.94	0	20	J
Vinyl chloride	14.2	2.0	50.00	0	28.5	0	200	13.36	6.31	20	
Surr: 1,2-Dichloroethane-d4	52.6		50.00		105.1	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	49.5		50.00		98.9	82.1	116		0	20	
Surr: Dibromofluoromethane	53.8		50.00		107.5	77.7	120		0	20	
Surr: Toluene-d8	48.6		50.00		97.3	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101122-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801252</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101122-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801252</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101122-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801252</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	53.4		50.00		106.9	72.2	131				
Surr: 4-Bromofluorobenzene	49.8		50.00		99.5	82.1	116				
Surr: Dibromofluoromethane	52.2		50.00		104.4	77.7	120				
Surr: Toluene-d8	49.3		50.00		98.7	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: LCS-G101123-1	SampType: LCS	Units: µg/Kg				Prep Date: 11/23/2010	RunNo: 142904					
Client ID: ZZZZZZ	Batch ID: 64579	SW5035				Analysis Date: 11/23/2010	SeqNo: 2802650					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	47.5	5.0	50.00	0	95.0	0	200					
1,1,1-Trichloroethane	51.4	5.0	50.00	0	102.9	85.6	124					
1,1,2,2-Tetrachloroethane	47.6	5.0	50.00	0	95.2	0	200					
1,1,2-Trichloro-1,2,2-trifluoroethane	55.4	5.0	50.00	0	110.9	0	200					
1,1,2-Trichloroethane	47.0	5.0	50.00	0	94.0	0	200					
1,1-Dichloro-2-propanone	126	50.0	125.0	0	100.6	0	200					
1,1-Dichloroethane	50.3	5.0	50.00	0	100.7	0	200					
1,1-Dichloroethene	51.1	5.0	50.00	0	102.3	60.1	131					
1,1-Dichloropropene	50.1	5.0	50.00	0	100.2	0	200					
1,2,3-Trichlorobenzene	52.7	5.0	50.00	0	105.4	0	200					
1,2,3-Trichloropropane	47.4	10	50.00	0	94.7	0	200					
1,2,3-Trimethylbenzene	47.3	5.0	50.00	0	94.6	0	200					
1,2,4-Trichlorobenzene	53.6	5.0	50.00	0	107.2	0	200					
1,2,4-Trimethylbenzene	48.3	5.0	50.00	0	96.6	0	200					
1,2-Dibromo-3-chloropropane	46.3	5.0	50.00	0	92.6	0	200					
1,2-Dibromoethane	47.9	5.0	50.00	0	95.7	86.9	119					
1,2-Dichlorobenzene	46.8	5.0	50.00	0	93.6	88	119					
1,2-Dichloroethane	50.9	5.0	50.00	0	101.7	73	117					
1,2-Dichloropropane	48.2	5.0	50.00	0	96.4	0	200					
1,3,5-Trimethylbenzene	48.3	5.0	50.00	0	96.5	0	200					
1,3-Dichlorobenzene	47.6	5.0	50.00	0	95.2	85.8	125					
1,3-Dichloropropane	46.2	5.0	50.00	0	92.4	0	200					
1,4-Dichlorobenzene	46.4	5.0	50.00	0	92.9	84.5	124					
1-Chlorobutane	47.6	5.0	50.00	0	95.3	0	200					
2,2-Dichloropropane	49.8	5.0	50.00	0	99.5	0	200					
2-Butanone	145	50.0	125.0	0	116.2	45.3	136					
2-Chlorotoluene	46.9	5.0	50.00	0	93.7	0	200					
2-Hexanone	123	50.0	125.0	0	98.6	0	200					
2-Nitropropane	520	50.0	500.0	0	103.9	0	200					
4-Chlorotoluene	47.4	5.0	50.00	0	94.8	0	200					
4-Methyl-2-pentanone	119	50.0	125.0	0	95.0	0	200					

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: LCS-G101123-1	SampType: LCS	Units: µg/Kg					Prep Date: 11/23/2010	RunNo: 142904			
Client ID: ZZZZZZ	Batch ID: 64579	SW5035					Analysis Date: 11/23/2010	SeqNo: 2802650			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	194	50.0	125.0	0	155.6	0	200				
Acrylonitrile	44.4	10	50.00	0	88.7	0	200				
Allyl chloride	52.4	5.0	50.00	0	104.7	0	200				
Benzene	48.3	1.0	50.00	0	96.7	73.9	109				
Bromobenzene	47.2	5.0	50.00	0	94.4	0	200				
Bromochloromethane	49.6	5.0	50.00	0	99.1	0	200				
Bromodichloromethane	51.2	5.0	50.00	0	102.3	91.3	126				
Bromoform	47.6	5.0	50.00	0	95.1	0	200				
Bromomethane	17.2	10	50.00	0	34.4	0	200				
Carbon disulfide	55.2	5.0	50.00	0	110.3	0	200				
Carbon tetrachloride	52.9	5.0	50.00	0	105.8	83.3	127				
Chlorobenzene	47.0	5.0	50.00	0	94.1	85.8	116				
Chloroethane	51.0	10	50.00	0	101.9	0	200				
Chloroform	51.5	5.0	50.00	0	103.0	80	113				
Chloromethane	45.4	10	50.00	0	90.7	0	200				
cis-1,2-Dichloroethene	50.0	5.0	50.00	0	99.9	0	200				
cis-1,3-Dichloropropene	49.1	4.0	50.00	0	98.3	0	200				
Cyclohexanone	259	100	250.0	0	103.7	0	200				
Dibromochloromethane	48.3	5.0	50.00	0	96.6	89.1	119				
Dibromomethane	49.7	5.0	50.00	0	99.5	0	200				
Dichlorodifluoromethane	48.2	10	50.00	0	96.4	0	200				
Ethyl acetate	46	50.0	50.00	0	92.3	0	200				J
Ethyl ether	51.8	5.0	50.00	0	103.5	0	200				
Ethyl methacrylate	43.1	5.0	50.00	0	86.2	0	200				
Ethylbenzene	46.8	5.0	50.00	0	93.7	84.1	115				
Heptane	48.2	20.0	50.00	0	96.5	0	200				
Hexachlorobutadiene	50.1	5.0	50.00	0	100.1	0	200				
Hexachloroethane	47.8	5.0	50.00	0	95.6	0	200				
Iodomethane	28.9	10	50.00	0	57.8	0	200				
Isopropylbenzene	46.5	5.0	50.00	0	93.1	0	200				
m,p-Xylenes	93.0	5.0	100.0	0	93.0	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCS-G101123-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142904</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64579</b>	<b>SW5035</b>				Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802650</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	45	50.0	50.00	0	90.2	0	200				J
Methyl Methacrylate	45.5	5.0	50.00	0	91.1	0	200				
Methyl tert-butyl ether	50.0	2.0	50.00	0	100	80	128				
Methylacrylate	47.2	10	50.00	0	94.3	0	200				
Methylene chloride	49.0	5.0	50.00	0	98.1	73.9	116				
Naphthalene	52.9	10	50.00	0	105.8	73.1	135				
n-Butylbenzene	49.9	5.0	50.00	0	99.8	0	200				
n-Hexane	51.9	20.0	50.00	0	103.7	0	200				
Nitrobenzene	845	100	500.0	0	168.9	0	200				
n-Propylbenzene	47.6	5.0	50.00	0	95.2	0	200				
o-Xylene	44.7	5.0	50.00	0	89.3	82	117				
Pentachloroethane	49.2	5.0	50.00	0	98.5	0	200				
p-Isopropyltoluene	47.5	5.0	50.00	0	95.0	0	200				
Propionitrile	456	50.0	500.0	0	91.2	0	200				
sec-Butylbenzene	48.5	5.0	50.00	0	97.0	0	200				
Styrene	45.1	5.0	50.00	0	90.1	0	200				
tert-Butylbenzene	46.4	5.0	50.00	0	92.7	0	200				
Tetrachloroethene	47.2	5.0	50.00	0	94.4	74.6	115				
Tetrahydrofuran	44	50.0	50.00	0	88.2	0	200				J
Toluene	46.0	5.0	50.00	0	92.1	79.1	112				
trans-1,2-Dichloroethene	52.4	5.0	50.00	0	104.8	0	200				
trans-1,3-Dichloropropene	46.6	4.0	50.00	0	93.3	0	200				
Trichloroethene	51.0	5.0	50.00	0	101.9	81	111				
Trichlorofluoromethane	52.2	5.0	50.00	0	104.4	0	200				
Vinyl acetate	48	50.0	50.00	0	96.9	0	200				J
Vinyl chloride	53.1	2.0	50.00	0	106.3	0	200				
Surr: 1,2-Dichloroethane-d4	50.5		50.00		101.0	72.2	131				
Surr: 4-Bromofluorobenzene	49.3		50.00		98.7	82.1	116				
Surr: Dibromofluoromethane	54.2		50.00		108.4	77.7	120				
Surr: Toluene-d8	49.2		50.00		98.4	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-G101123-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142904</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64579</b>	<b>SW5035</b>				Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802651</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	47.6	5.0	50.00	0	95.1	0	200	47.49	0.147	20	
1,1,1-Trichloroethane	51.6	5.0	50.00	0	103.2	85.6	124	51.43	0.330	20	
1,1,2,2-Tetrachloroethane	48.8	5.0	50.00	0	97.6	0	200	47.59	2.47	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	55.7	5.0	50.00	0	111.5	0	200	55.45	0.504	20	
1,1,2-Trichloroethane	47.9	5.0	50.00	0	95.9	0	200	47.00	1.96	20	
1,1-Dichloro-2-propanone	142	50.0	125.0	0	114.0	0	200	125.8	12.5	20	
1,1-Dichloroethane	50.8	5.0	50.00	0	101.5	0	200	50.34	0.851	20	
1,1-Dichloroethene	51.5	5.0	50.00	0	103.0	60.1	131	51.13	0.721	20	
1,1-Dichloropropene	50.1	5.0	50.00	0	100.2	0	200	50.08	0.0599	20	
1,2,3-Trichlorobenzene	54.6	5.0	50.00	0	109.1	0	200	52.69	3.47	20	
1,2,3-Trichloropropane	49.1	10	50.00	0	98.3	0	200	47.37	3.67	20	
1,2,3-Trimethylbenzene	47.7	5.0	50.00	0	95.3	0	200	47.31	0.737	20	
1,2,4-Trichlorobenzene	54.8	5.0	50.00	0	109.6	0	200	53.62	2.16	20	
1,2,4-Trimethylbenzene	48.4	5.0	50.00	0	96.8	0	200	48.28	0.228	20	
1,2-Dibromo-3-chloropropane	49.4	5.0	50.00	0	98.8	0	200	46.29	6.50	20	
1,2-Dibromoethane	48.9	5.0	50.00	0	97.9	86.9	119	47.87	2.21	20	
1,2-Dichlorobenzene	47.9	5.0	50.00	0	95.8	88	119	46.82	2.24	20	
1,2-Dichloroethane	52.1	5.0	50.00	0	104.3	73	117	50.87	2.45	20	
1,2-Dichloropropane	49.2	5.0	50.00	0	98.4	0	200	48.21	1.99	20	
1,3,5-Trimethylbenzene	48.0	5.0	50.00	0	96.1	0	200	48.26	0.436	20	
1,3-Dichlorobenzene	48.1	5.0	50.00	0	96.2	85.8	125	47.60	1.02	20	
1,3-Dichloropropane	46.4	5.0	50.00	0	92.9	0	200	46.19	0.518	20	
1,4-Dichlorobenzene	47.3	5.0	50.00	0	94.5	84.5	124	46.44	1.75	20	
1-Chlorobutane	47.0	5.0	50.00	0	94.1	0	200	47.64	1.27	20	
2,2-Dichloropropane	49.8	5.0	50.00	0	99.7	0	200	49.76	0.161	20	
2-Butanone	141	50.0	125.0	0	112.8	45.3	136	145.2	2.95	20	
2-Chlorotoluene	46.7	5.0	50.00	0	93.4	0	200	46.86	0.342	20	
2-Hexanone	125	50.0	125.0	0	100.3	0	200	123.3	1.66	20	
2-Nitropropane	554	50.0	500.0	0	110.7	0	200	519.7	6.34	20	
4-Chlorotoluene	47.4	5.0	50.00	0	94.8	0	200	47.38	0.0211	20	
4-Methyl-2-pentanone	125	50.0	125.0	0	100.1	0	200	118.8	5.17	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-G101123-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142904</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64579</b>	<b>SW5035</b>				Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802651</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	191	50.0	125.0	0	152.8	0	200	194.5	1.84	20	
Acrylonitrile	46.9	10	50.00	0	93.9	0	200	44.36	5.65	20	
Allyl chloride	52.5	5.0	50.00	0	105.0	0	200	52.36	0.286	20	
Benzene	48.7	1.0	50.00	0	97.3	73.9	109	48.34	0.660	20	
Bromobenzene	47.3	5.0	50.00	0	94.5	0	200	47.22	0.0847	20	
Bromochloromethane	50.2	5.0	50.00	0	100.4	0	200	49.57	1.24	20	
Bromodichloromethane	51.0	5.0	50.00	0	102.0	91.3	126	51.16	0.352	20	
Bromoform	49.6	5.0	50.00	0	99.1	0	200	47.56	4.12	20	
Bromomethane	19.0	10	50.00	0	38.0	0	200	17.21	9.83	20	
Carbon disulfide	55.0	5.0	50.00	0	110.1	0	200	55.17	0.218	20	
Carbon tetrachloride	53.4	5.0	50.00	0	106.8	83.3	127	52.90	0.922	20	
Chlorobenzene	47.2	5.0	50.00	0	94.4	85.8	116	47.04	0.318	20	
Chloroethane	51.4	10	50.00	0	102.9	0	200	50.95	0.977	20	
Chloroform	51.9	5.0	50.00	0	103.9	80	113	51.51	0.812	20	
Chloromethane	43.1	10	50.00	0	86.2	0	200	45.36	5.13	20	
cis-1,2-Dichloroethene	50.0	5.0	50.00	0	100	0	200	49.97	0.0200	20	
cis-1,3-Dichloropropene	49.7	4.0	50.00	0	99.4	0	200	49.13	1.17	20	
Cyclohexanone	263	100	250.0	0	105.3	0	200	259.2	1.54	20	
Dibromochloromethane	48.6	5.0	50.00	0	97.3	89.1	119	48.29	0.722	20	
Dibromomethane	50.4	5.0	50.00	0	100.9	0	200	49.73	1.44	20	
Dichlorodifluoromethane	47.2	10	50.00	0	94.5	0	200	48.19	2.01	20	
Ethyl acetate	52.4	50.0	50.00	0	104.9	0	200	46.13	12.8	20	
Ethyl ether	52.4	5.0	50.00	0	104.7	0	200	51.77	1.15	20	
Ethyl methacrylate	44.5	5.0	50.00	0	89.0	0	200	43.12	3.13	20	
Ethylbenzene	46.6	5.0	50.00	0	93.3	84.1	115	46.83	0.407	20	
Heptane	48.8	20.0	50.00	0	97.7	0	200	48.23	1.28	20	
Hexachlorobutadiene	51.5	5.0	50.00	0	103.0	0	200	50.07	2.82	20	
Hexachloroethane	48.3	5.0	50.00	0	96.5	0	200	47.80	0.958	20	
Iodomethane	28.9	10	50.00	0	57.7	0	200	28.89	0.104	20	
Isopropylbenzene	46.5	5.0	50.00	0	93.0	0	200	46.54	0.0645	20	
m,p-Xylenes	92.1	5.0	100.0	0	92.1	79.1	111	93.03	0.961	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>LCSD-G101123-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142904</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64579</b>	<b>SW5035</b>				Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802651</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	48	50.0	50.00	0	95.4	0	200	45.09	0	20	J
Methyl Methacrylate	47.4	5.0	50.00	0	94.9	0	200	45.54	4.09	20	
Methyl tert-butyl ether	51.2	2.0	50.00	0	102.4	80	128	50.02	2.35	20	
Methylacrylate	50.0	10	50.00	0	100.1	0	200	47.16	5.91	20	
Methylene chloride	48.8	5.0	50.00	0	97.6	73.9	116	49.04	0.470	20	
Naphthalene	55.3	10	50.00	0	110.7	73.1	135	52.88	4.53	20	
n-Butylbenzene	50.0	5.0	50.00	0	100.1	0	200	49.89	0.300	20	
n-Hexane	51.9	20.0	50.00	0	103.7	0	200	51.86	0.0193	20	
Nitrobenzene	932	100	500.0	0	186.3	0	200	844.7	9.78	20	
n-Propylbenzene	47.3	5.0	50.00	0	94.6	0	200	47.58	0.633	20	
o-Xylene	44.7	5.0	50.00	0	89.4	82	117	44.67	0.0671	20	
Pentachloroethane	50.3	5.0	50.00	0	100.5	0	200	49.24	2.07	20	
p-Isopropyltoluene	48.0	5.0	50.00	0	96.0	0	200	47.52	0.963	20	
Propionitrile	484	50.0	500.0	0	96.8	0	200	456.0	5.95	20	
sec-Butylbenzene	48.6	5.0	50.00	0	97.3	0	200	48.49	0.329	20	
Styrene	45.5	5.0	50.00	0	90.9	0	200	45.06	0.884	20	
tert-Butylbenzene	46.9	5.0	50.00	0	93.7	0	200	46.37	1.07	20	
Tetrachloroethene	47.4	5.0	50.00	0	94.7	74.6	115	47.19	0.360	20	
Tetrahydrofuran	48	50.0	50.00	0	94.9	0	200	44.10	0	20	J
Toluene	45.5	5.0	50.00	0	91.0	79.1	112	46.03	1.18	20	
trans-1,2-Dichloroethene	52.6	5.0	50.00	0	105.3	0	200	52.38	0.514	20	
trans-1,3-Dichloropropene	47.0	4.0	50.00	0	93.9	0	200	46.63	0.705	20	
Trichloroethene	51.1	5.0	50.00	0	102.3	81	111	50.95	0.353	20	
Trichlorofluoromethane	52.8	5.0	50.00	0	105.5	0	200	52.18	1.09	20	
Vinyl acetate	50.0	50.0	50.00	0	100.1	0	200	48.45	3.23	20	
Vinyl chloride	51.7	2.0	50.00	0	103.5	0	200	53.14	2.67	20	
Surr: 1,2-Dichloroethane-d4	50.9		50.00		101.8	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	49.7		50.00		99.5	82.1	116		0	20	
Surr: Dibromofluoromethane	53.9		50.00		107.8	77.7	120		0	20	
Surr: Toluene-d8	48.3		50.00		96.7	86	116		0	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101123-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142904</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64579</b>	<b>SW5035</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802652</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101123-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142904</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64579</b>	<b>SW5035</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802652</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110865

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101123-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142904</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64579</b>	<b>SW5035</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802652</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	52.3		50.00		104.6	72.2	131				
Surr: 4-Bromofluorobenzene	50.4		50.00		100.8	82.1	116				
Surr: Dibromofluoromethane	53.0		50.00		106.0	77.7	120				
Surr: Toluene-d8	49.0		50.00		98.1	86	116				

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 6240908012

**Lab Order:** 10110865

**Report Date:** 13-Dec-10


Carrier: Sean Spinner

Received By: EAH

Completed by:

On:


18-Nov-10

  
Timothy W. Mathis

Reviewed by:

On:

18-Nov-10

  
Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 1.0
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 - 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** 09953

10110865

Project Name: AMELEN CHAMPLAIN Project Mgr.: P. Szazama

Project Number: 624-0908-0120 Cost Code: 7002

Sampler(s): J. Crompton

Laboratory Name: Teklab Location: Collinsville

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 P260	SVOCs P270	SVOCs P270 Sims	Reka Metals	Total Arsenic	TPH OA-1	Herbicides			Pesticides
P6-F4-F(12)	11/17/10	0835	X				9	X	X	X	X	X	X	X	X	X	* RUSH *	10110865
P6-F5.5-W(3)		0845	X				6	X	X	X	X	X	X	X	X		001	
P6-F5.5-W(8)		0900	X				6	X	X	X	X	X	X	X	X		002	
P6-F5.5-W(16)		0912	X				6	X	X	X	X	X	X	X	X		003	
P6-G4.5-F(19)		1240	X				6	X	X	X	X	X	X	X	X	* RUSH *	*	
P6-G5.5-W(3)		1255	X				6	X	X	X	X	X	X	X	X		004	
P6-G5.5-W(8)		1315	X				6	X	X	X	X	X	X	X	X		005	
P6-G5.5-W(16)		1325	X				6	X	X	X	X	X	X	X	X		006	
P6-H5.5-W(3)	11/18/10	0750	X				6	X	X	X	X	X	X	X	X		007	
P6-H5.5-W(8)		0805	X				6	X	X	X	X	X	X	X	X		008	
P6-H5.5-W(16)		0825	X				6	X	X	X	X	X	X	X	X		009	

**Teklab, Inc.  
Courier-PickUp**

OK TO SUB CONTRACT  
HERBICIDES PER  
J. CROMPTON  
FORM 11/15/10

Laboratory Temperature upon Receipt: 1.0°C

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

Volatile Organics ..... Hydrochloric acid (HCl)

VOC Soil (5035) ..... Sodium Bisulfate/Methanol

TPH ..... Hydrochloric acid and/or Sulfuric acid

Metals ..... Nitric acid (HNO<sub>3</sub>)

Cyanide ..... Sodium hydroxide (NaOH)

Other (Specify) .....

**Lab Directives:** Requested TAT: A Rush  5 Days  STD  Other

Fax and/or Mail Results to: P. Szazama and K. Hojter

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

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

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

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

\* Special: \* RUSH on a separate WO# 5044 11/18/10

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

**Relinquished by:** Signature \_\_\_\_\_ Date 11/18/10 Time 1015

**Received by:** Signature \_\_\_\_\_ Date 11/18/10 Time 1400

December 13, 2010

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  
6240908012

**WorkOrder:** 10110915

Dear Pete Sazama:

TEKLAB, INC received 3 samples on 11/19/2010 1:45:00 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 6240908012

**Lab Order:** 10110915

**Report Date:** 13-Dec-10

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10110915-001	P6-HI4-W(3)	5	11/19/2010 7:10:00 AM
10110915-002	P6-HI4-W(8)	5	11/19/2010 7:20:00 AM
10110915-003	P6-HI4-W(16)	5	11/19/2010 7:35:00 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 6240908012

**LabOrder:** 10110915

**Report Date:** 13-Dec-10

**Cooler Receipt Temp:** 1.4 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0 | LA: NELAP #166493

### 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:** 10110915

**Lab ID:** 10110915-001

**Report Date:** 13-Dec-10

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

**Client Sample ID:** P6-HI4-W(3)

**Collection Date:** 11/19/2010 7:10:00 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		22.1	%	1	11/22/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		77.9	%	1	11/22/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		3.64	mg/Kg-dry	1	11/25/2010 12:57:29 AM	JMW
Barium	NELAP	0.49		200	mg/Kg-dry	1	11/25/2010 12:57:29 AM	JMW
Cadmium	NELAP	0.20		0.40	mg/Kg-dry	1	11/25/2010 12:57:29 AM	JMW
Chromium	NELAP	0.98		22.3	mg/Kg-dry	1	11/25/2010 12:57:29 AM	JMW
Lead	NELAP	3.92		21.3	mg/Kg-dry	1	11/25/2010 12:57:29 AM	JMW
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	11/25/2010 12:57:29 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	11/24/2010 1:47:58 PM	MEK
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>								
4,4'-DDD	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
4,4'-DDE	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
4,4'-DDT	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Alachlor	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Aldrin	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
alpha-BHC	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
alpha-Chlordane	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
beta-BHC	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Chlordane	NELAP	4.26		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
delta-BHC	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Dieldrin	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Endosulfan I	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Endosulfan II	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Endosulfan sulfate	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Endrin	NELAP	2.13	J	1.0	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Endrin aldehyde	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Endrin ketone	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
gamma-BHC	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
gamma-Chlordane	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Heptachlor	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Heptachlor epoxide	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Methoxychlor	NELAP	2.13		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Toxaphene	NELAP	38.3		ND	µg/Kg-dry	1	11/22/2010 4:40:00 PM	MAV
Surr: Decachlorobiphenyl		48-149		90.1	%REC	1	11/22/2010 4:40:00 PM	MAV
Surr: Tetrachloro-m-xylene		19-145		75.3	%REC	1	11/22/2010 4:40:00 PM	MAV

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(3)  
**Collection Date:** 11/19/2010 7:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								
Aroclor 1016	NELAP	47.8		ND	µg/Kg-dry	1	11/22/2010 5:08:00 PM	MAM
Aroclor 1221	NELAP	47.8		ND	µg/Kg-dry	1	11/22/2010 5:08:00 PM	MAM
Aroclor 1232	NELAP	47.8		ND	µg/Kg-dry	1	11/22/2010 5:08:00 PM	MAM
Aroclor 1242	NELAP	47.8		ND	µg/Kg-dry	1	11/22/2010 5:08:00 PM	MAM
Aroclor 1248	NELAP	47.8		ND	µg/Kg-dry	1	11/22/2010 5:08:00 PM	MAM
Aroclor 1254	NELAP	47.8		266	µg/Kg-dry	1	11/22/2010 5:08:00 PM	MAM
Aroclor 1260	NELAP	47.8		ND	µg/Kg-dry	1	11/22/2010 5:08:00 PM	MAM
Surr: Decachlorobiphenyl		5-156		83.0	%REC	1	11/22/2010 5:08:00 PM	MAM
Surr: Tetrachloro-meta-xylene		7.35-123		71.9	%REC	1	11/22/2010 5:08:00 PM	MAM
<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	11/24/2010 7:37:00 PM	TV
Acenaphthylene	NELAP	0.004		0.122	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Anthracene	NELAP	0.004		0.030	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Benzo(a)anthracene	NELAP	0.004		0.141	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Benzo(a)pyrene	NELAP	0.004		0.228	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Benzo(b)fluoranthene	NELAP	0.004		0.348	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Benzo(g,h,i)perylene	NELAP	0.004		0.196	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Benzo(k)fluoranthene	NELAP	0.004		0.081	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Bis(2-ethylhexyl)phthalate	NELAP	0.086		ND	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Chrysene	NELAP	0.004		0.184	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Dibenzo(a,h)anthracene	NELAP	0.004		0.037	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Fluoranthene	NELAP	0.004		0.195	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Fluorene	NELAP	0.004		0.012	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.165	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Naphthalene	NELAP	0.004		0.010	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Phenanthrene	NELAP	0.004		0.047	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Pyrene	NELAP	0.004		0.261	mg/Kg-dry	1	11/24/2010 7:37:00 PM	TV
Surr: 2-Fluorobiphenyl		10-131		91.3	%REC	1	11/24/2010 7:37:00 PM	TV
Surr: Nitrobenzene-d5		10-132		86.1	%REC	1	11/24/2010 7:37:00 PM	TV
Surr: p-Terphenyl-d14		30.6-131		109.5	%REC	1	11/24/2010 7:37:00 PM	TV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(3)  
**Collection Date:** 11/19/2010 7:10:00 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-Dimethylphenol	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.28		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
2-Chloronaphthalene	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
2-Chlorophenol	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
2-Methoxy-4-methylphenol		0.832		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
2-Methylnaphthalene	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
2-Nitroaniline	NELAP	1.28		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
2-Nitrophenol	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
3-Nitroaniline	NELAP	1.28		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.28		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
4-Chloroaniline	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
4-Nitroaniline	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
4-Nitrophenol	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Aniline	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Azobenzene		0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Benzidine	NELAP	1.35		see note	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Benzoic acid	NELAP	1.92		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Benzyl alcohol	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Carbazole		0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Dibenzofuran	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Diethyl phthalate	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Dimethyl phthalate	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Hexachlorobenzene	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Hexachlorobutadiene	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Hexachloroethane	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(3)  
**Collection Date:** 11/19/2010 7:10:00 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>								
Isophorone	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
m,p-Cresol	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Nitrobenzene	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
o-Cresol	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Pentachlorophenol	NELAP	2.56		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Phenol	NELAP	0.448		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Pyridine	NELAP	0.640		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
1,2-Diphenylhydrazine		1.07		ND	mg/Kg-dry	1	12/2/2010 2:54:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		106.3	%REC	1	12/2/2010 2:54:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		84.7	%REC	1	12/2/2010 2:54:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		73.2	%REC	1	12/2/2010 2:54:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		70.7	%REC	1	12/2/2010 2:54:00 PM	DMH
Surr: Phenol-d5		34.9-110		81.9	%REC	1	12/2/2010 2:54:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		90.4	%REC	1	12/2/2010 2:54:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,1-Dichloro-2-propanone		50.2		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,1-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,1-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,1-Dichloropropene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,2,3-Trimethylbenzene		5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,2-Dibromoethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,2-Dichloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(3)  
**Collection Date:** 11/19/2010 7:10:00 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>								
1,3-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,3-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
1-Chlorobutane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
2,2-Dichloropropane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
2-Butanone	NELAP	50.2		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
2-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
2-Hexanone	NELAP	50.2		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
2-Nitropropane	NELAP	50.2		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
4-Chlorotoluene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
4-Methyl-2-pentanone	NELAP	50.2		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Acetone	NELAP	50.2	J	32	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Acrolein	NELAP	100		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Acrylonitrile	NELAP	10		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Allyl chloride	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Benzene	NELAP	1.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Bromobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Bromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Bromodichloromethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Bromoform	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Bromomethane	NELAP	10		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Carbon disulfide	NELAP	5.0		6.9	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Carbon tetrachloride	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Chlorobenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Chloroethane	NELAP	10		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Chloroform	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Chloromethane	NELAP	10		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Cyclohexanone		100		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Dibromochloromethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Dibromomethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Dichlorodifluoromethane	NELAP	10		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Ethyl acetate	NELAP	50.2		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Ethyl ether	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Ethyl methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Ethylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Heptane		20.1		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(3)  
**Collection Date:** 11/19/2010 7:10:00 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>								
Hexachlorobutadiene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Hexachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Iodomethane	NELAP	10		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Isopropylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
m,p-Xylenes	NELAP	5.0	J	1.2	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Methacrylonitrile	NELAP	50.2		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Methyl Methacrylate	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Methylacrylate		10		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Methylene chloride	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Naphthalene	NELAP	10		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
n-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
n-Hexane		20.1		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Nitrobenzene	NELAP	100		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
n-Propylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
o-Xylene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Pentachloroethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
p-Isopropyltoluene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Propionitrile	NELAP	50.2		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
sec-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Styrene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
tert-Butylbenzene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Tetrachloroethene	NELAP	5.0	J	2.4	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Tetrahydrofuran	NELAP	50.2		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Toluene	NELAP	5.0	J	1.1	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Trichloroethene	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Trichlorofluoromethane	NELAP	5.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Vinyl acetate	NELAP	50.2		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Vinyl chloride	NELAP	2.0		ND	µg/Kg-dry	1	11/22/2010 5:57:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		113.6	%REC	1	11/22/2010 5:57:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		100.7	%REC	1	11/22/2010 5:57:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		111.2	%REC	1	11/22/2010 5:57:00 PM	RWE
Surr: Toluene-d8		86-116		97.2	%REC	1	11/22/2010 5:57:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		0.061	mg/Kg-dry	1	11/22/2010	MEK
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(3)  
**Collection Date:** 11/19/2010 7:10:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								
2,4,5-T	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
2,4,5-TP (Silvex)	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
2,4-D	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
2,4-DB	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
3,5-Dichlorobenzoic Acid	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
Acifluorfen	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
Bentazon	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
Chloramben	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
Dalapon	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
DCPA	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
Dicamba	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
Dichlorprop	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
Dinoseb	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
Pentachlorophenol	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
Picloram	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 10:41:00 PM	SUB
Surr: DCAA		50-136		103.0	%REC	1	11/30/2010 10:41:00 PM	SUB
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.642		< 0.642	mg/Kg-dry	1	11/24/2010 11:08:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.64	J	0.36	mg/Kg-dry	1	11/23/2010 11:45:00 AM	KNS

### Sample Narrative

SW-846 8151A, Chlorinated Herbicides by GC/ECD

The spike recovery for Pentachlorophenol was below established acceptance limits in the LCS.

Analysis performed by Keystone Laboratories, Inc.

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

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

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(8)  
**Collection Date:** 11/19/2010 7:20:00 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		14.4	%	1	11/22/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		85.6	%	1	11/22/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50	J	1.9	mg/Kg-dry	1	11/25/2010 1:03:20 AM	JMW
Barium	NELAP	0.50		43.4	mg/Kg-dry	1	11/25/2010 1:03:20 AM	JMW
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	11/25/2010 1:03:20 AM	JMW
Chromium	NELAP	1.00		14.3	mg/Kg-dry	1	11/25/2010 1:03:20 AM	JMW
Lead	NELAP	4.00		11.5	mg/Kg-dry	1	11/25/2010 1:03:20 AM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	11/25/2010 1:03:20 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	1.15		< 1.15	mg/Kg-dry	2	11/29/2010 4:47:18 PM	HLR
<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	11/24/2010 8:15:00 PM	TV
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Bis(2-ethylhexyl)phthalate	NELAP	0.078		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:15:00 PM	TV
Surr: 2-Fluorobiphenyl		10-131		78.4	%REC	1	11/24/2010 8:15:00 PM	TV
Surr: Nitrobenzene-d5		10-132		72.7	%REC	1	11/24/2010 8:15:00 PM	TV
Surr: p-Terphenyl-d14		30.6-131		90.3	%REC	1	11/24/2010 8:15:00 PM	TV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10110915

**Client Sample ID:** P6-HI4-W(8)

**Lab ID:** 10110915-002

**Collection Date:** 11/19/2010 7:20:00 AM

**Report Date:** 13-Dec-10

**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	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.16		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
2-Chloronaphthalene	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
2-Chlorophenol	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
2-Methoxy-4-methylphenol		0.754		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
2-Methylnaphthalene	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
2-Nitroaniline	NELAP	1.16		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
2-Nitrophenol	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
3-Nitroaniline	NELAP	1.16		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.16		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
4-Chloroaniline	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
4-Nitroaniline	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
4-Nitrophenol	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Aniline	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Azobenzene		0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Benzidine	NELAP	1.23		see note	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Benzoic acid	NELAP	1.74		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Benzyl alcohol	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Carbazole		0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Dibenzofuran	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Diethyl phthalate	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Dimethyl phthalate	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Hexachlorobenzene	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(8)  
**Collection Date:** 11/19/2010 7:20:00 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	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Hexachloroethane	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Isophorone	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
m,p-Cresol	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Nitrobenzene	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
o-Cresol	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Pentachlorophenol	NELAP	2.32		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Phenol	NELAP	0.406		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Pyridine	NELAP	0.580		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
1,2-Diphenylhydrazine		0.975		ND	mg/Kg-dry	1	12/2/2010 9:09:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		99.9	%REC	1	12/2/2010 9:09:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		81.2	%REC	1	12/2/2010 9:09:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		73.6	%REC	1	12/2/2010 9:09:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		69.4	%REC	1	12/2/2010 9:09:00 PM	DMH
Surr: Phenol-d5		34.9-110		80.3	%REC	1	12/2/2010 9:09:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		85.3	%REC	1	12/2/2010 9:09:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,1,1-Trichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,1,2-Trichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,1-Dichloro-2-propanone		37.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,1-Dichloroethane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,1-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,1-Dichloropropene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,2,3-Trichloropropane	NELAP	7.4		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,2,3-Trimethylbenzene		3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,2-Dibromoethane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,2-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(8)  
**Collection Date:** 11/19/2010 7:20:00 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	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,2-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,3-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,3-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1,4-Dichlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
1-Chlorobutane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
2,2-Dichloropropane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
2-Butanone	NELAP	37.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
2-Chlorotoluene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
2-Hexanone	NELAP	37.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
2-Nitropropane	NELAP	37.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
4-Chlorotoluene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
4-Methyl-2-pentanone	NELAP	37.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Acetone	NELAP	37.0	J	12	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Acrolein	NELAP	74.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Acrylonitrile	NELAP	7.4		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Allyl chloride	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Benzene	NELAP	0.7		2.3	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Bromobenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Bromochloromethane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Bromodichloromethane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Bromoform	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Bromomethane	NELAP	7.4		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Carbon disulfide	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Carbon tetrachloride	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Chlorobenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Chloroethane	NELAP	7.4		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Chloroform	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Chloromethane	NELAP	7.4		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Cyclohexanone		74.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Dibromochloromethane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Dibromomethane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Dichlorodifluoromethane	NELAP	7.4		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Ethyl acetate	NELAP	37.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Ethyl ether	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	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:** 10110915

**Client Sample ID:** P6-HI4-W(8)

**Lab ID:** 10110915-002

**Collection Date:** 11/19/2010 7:20:00 AM

**Report Date:** 13-Dec-10

**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	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Ethylbenzene	NELAP	3.7	J	1.9	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Heptane		14.8	J	3.7	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Hexachlorobutadiene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Hexachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Iodomethane	NELAP	7.4		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Isopropylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
m,p-Xylenes	NELAP	3.7	J	3.4	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Methacrylonitrile	NELAP	37.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Methyl Methacrylate	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Methyl tert-butyl ether	NELAP	1.5		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Methylacrylate		7.4		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Methylene chloride	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Naphthalene	NELAP	7.4		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
n-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
n-Hexane		14.8	J	6.8	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Nitrobenzene	NELAP	74.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
n-Propylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
o-Xylene	NELAP	3.7	J	1.2	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Pentachloroethane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
p-Isopropyltoluene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Propionitrile	NELAP	37.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
sec-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Styrene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
tert-Butylbenzene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Tetrachloroethene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Tetrahydrofuran	NELAP	37.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Toluene	NELAP	3.7		5.3	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Trichloroethene	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Trichlorofluoromethane	NELAP	3.7		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Vinyl acetate	NELAP	37.0		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Vinyl chloride	NELAP	1.5		ND	µg/Kg-dry	1	11/22/2010 6:27:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		108.5	%REC	1	11/22/2010 6:27:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.3	%REC	1	11/22/2010 6:27:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		109.1	%REC	1	11/22/2010 6:27:00 PM	RWE
Surr: Toluene-d8		86-116		100.4	%REC	1	11/22/2010 6:27:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(8)  
**Collection Date:** 11/19/2010 7:20:00 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>0.010</b>	mg/Kg-dry	1	11/22/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.562		<b>Interference</b>	mg/Kg-dry	1	11/23/2010 11:45:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.52	J	<b>0.22</b>	mg/Kg-dry	1	11/23/2010 11:45:00 AM	KNS

### Sample Narrative

SW-846 3050B, Metals by GFAA

Se - Elevated reporting limit due to matrix interference.

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

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10110915

**Client Sample ID:** P6-HI4-W(16)

**Lab ID:** 10110915-003

**Collection Date:** 11/19/2010 7:35:00 AM

**Report Date:** 13-Dec-10

**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	11/22/2010 2:30:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.7	%	1	11/22/2010 2:30:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50	J	1.8	mg/Kg-dry	1	11/25/2010 1:20:04 AM	JMW
Barium	NELAP	0.50		15.7	mg/Kg-dry	1	11/25/2010 1:20:04 AM	JMW
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	11/25/2010 1:20:04 AM	JMW
Chromium	NELAP	1.00		11.0	mg/Kg-dry	1	11/25/2010 1:20:04 AM	JMW
Lead	NELAP	4.00		8.02	mg/Kg-dry	1	11/25/2010 1:20:04 AM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	11/25/2010 1:20:04 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	11/29/2010 3:35:38 PM	HLR
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.004	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Benzo(a)anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Benzo(a)pyrene	NELAP	0.004		0.008	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Benzo(b)fluoranthene	NELAP	0.004		0.012	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Benzo(g,h,i)perylene	NELAP	0.004		0.014	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Chrysene	NELAP	0.004		0.016	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Fluoranthene	NELAP	0.004		0.009	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Fluorene	NELAP	0.004	J	0.003	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.004	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Naphthalene	NELAP	0.004		0.005	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Phenanthrene	NELAP	0.004		0.042	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Pyrene	NELAP	0.004		0.015	mg/Kg-dry	1	11/24/2010 8:53:00 PM	TV
Surr: 2-Fluorobiphenyl		10-131		78.0	%REC	1	11/24/2010 8:53:00 PM	TV
Surr: Nitrobenzene-d5		10-132		71.3	%REC	1	11/24/2010 8:53:00 PM	TV
Surr: p-Terphenyl-d14		30.6-131		91.1	%REC	1	11/24/2010 8:53:00 PM	TV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(16)  
**Collection Date:** 11/19/2010 7:35:00 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	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
2-Chloronaphthalene	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
2-Chlorophenol	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
2-Methoxy-4-methylphenol		0.720		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
2-Methylnaphthalene	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
2-Nitrophenol	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
4-Chloroaniline	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
4-Nitroaniline	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
4-Nitrophenol	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Aniline	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Azobenzene		0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Benzidine	NELAP	1.17		see note	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Benzoic acid	NELAP	1.66		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Benzyl alcohol	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Carbazole		0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Dibenzofuran	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Diethyl phthalate	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Dimethyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Hexachlorobenzene	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(16)  
**Collection Date:** 11/19/2010 7:35:00 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	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Hexachloroethane	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Isophorone	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
m,p-Cresol	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Nitrobenzene	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
o-Cresol	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Pentachlorophenol	NELAP	2.21		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Phenol	NELAP	0.388		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Pyridine	NELAP	0.554		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
1,2-Diphenylhydrazine		0.930		ND	mg/Kg-dry	1	12/2/2010 9:41:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		64.8	%REC	1	12/2/2010 9:41:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		79.8	%REC	1	12/2/2010 9:41:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		73.4	%REC	1	12/2/2010 9:41:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		78.3	%REC	1	12/2/2010 9:41:00 PM	DMH
Surr: Phenol-d5		34.9-110		84.7	%REC	1	12/2/2010 9:41:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		84.1	%REC	1	12/2/2010 9:41:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,1,1-Trichloroethane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,1,2-Trichloroethane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,1-Dichloro-2-propanone		82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,1-Dichloroethane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,1-Dichloroethene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,1-Dichloropropene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,2,3-Trichloropropane	NELAP	164		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,2,3-Trimethylbenzene		82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,2-Dibromoethane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,2-Dichlorobenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(16)  
**Collection Date:** 11/19/2010 7:35:00 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	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,2-Dichloropropane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,3-Dichlorobenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,3-Dichloropropane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1,4-Dichlorobenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
1-Chlorobutane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
2,2-Dichloropropane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
2-Butanone	NELAP	821		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
2-Chlorotoluene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
2-Hexanone	NELAP	821		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
2-Nitropropane	NELAP	821		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
4-Chlorotoluene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
4-Methyl-2-pentanone	NELAP	821		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Acetone	NELAP	821		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Acrolein	NELAP	1640		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Acrylonitrile	NELAP	164		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Allyl chloride	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Benzene	NELAP	16.4		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Bromobenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Bromochloromethane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Bromodichloromethane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Bromoform	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Bromomethane	NELAP	164		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Carbon disulfide	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Carbon tetrachloride	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Chlorobenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Chloroethane	NELAP	164		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Chloroform	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Chloromethane	NELAP	164		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	65.7		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Cyclohexanone		1640		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Dibromochloromethane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Dibromomethane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Dichlorodifluoromethane	NELAP	164		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Ethyl acetate	NELAP	821	J	230	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Ethyl ether	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(16)  
**Collection Date:** 11/19/2010 7:35:00 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	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Ethylbenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Heptane		328		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Hexachlorobutadiene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Hexachloroethane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Iodomethane	NELAP	164		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Isopropylbenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
m,p-Xylenes	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Methacrylonitrile	NELAP	821		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Methyl Methacrylate	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Methyl tert-butyl ether	NELAP	32.8		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Methylacrylate		164		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Methylene chloride	NELAP	82.1	J	52	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Naphthalene	NELAP	164		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
n-Butylbenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
n-Hexane		328		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Nitrobenzene	NELAP	1640		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
n-Propylbenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
o-Xylene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Pentachloroethane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
p-Isopropyltoluene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Propionitrile	NELAP	821		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
sec-Butylbenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Styrene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
tert-Butylbenzene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Tetrachloroethene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Tetrahydrofuran	NELAP	821		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Toluene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	65.7		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Trichloroethene	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Trichlorofluoromethane	NELAP	82.1		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Vinyl acetate	NELAP	821		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Vinyl chloride	NELAP	32.8		ND	µg/Kg-dry	12.5	11/24/2010 4:53:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		100.3	%REC	12.5	11/24/2010 4:53:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		99.9	%REC	12.5	11/24/2010 4:53:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		103.5	%REC	12.5	11/24/2010 4:53:00 PM	RWE
Surr: Toluene-d8		86-116		98.3	%REC	12.5	11/24/2010 4:53:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10110915  
**Lab ID:** 10110915-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P6-HI4-W(16)  
**Collection Date:** 11/19/2010 7:35:00 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>0.005</b>	mg/Kg-dry	1	11/22/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.552		<b>&lt; 0.552</b>	mg/Kg-dry	1	11/23/2010 11:45:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.53		<b>&lt; 0.53</b>	mg/Kg-dry	1	11/23/2010 11:45:00 AM	KNS

### Sample Narrative

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

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

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

RPD for Cyclohexanone in LCS/LCSD was outside of QC limit.

Elevated reporting limit due to matrix interference.

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 6240908012

**Lab Order:** 10110915

**Report Date:** 13-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10110915-001A	P6-HI4-W(3)	11/19/2010	Solid	SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD	11/22/2010 9:08:56 AM	11/22/2010 4:40:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	11/22/2010 9:08:56 AM	11/22/2010 5:08:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:59:09 PM	11/24/2010 7:37:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:56:33 PM	12/2/2010 2:54:00 PM
				SW-846 8151A, Chlorinated Herbicides by GC/ECD		11/30/2010 10:41:00 PM
10110915-001B				EPA SW846 3550C, 5035A, ASTM D2974		11/22/2010 2:30:00 PM
				Standard Methods 18th Ed. 2540 G		11/22/2010 2:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	11/23/2010 1:13:05 PM	11/25/2010 12:57:29 AM
				SW-846 3050B, Metals by GFAA	11/23/2010 5:48:47 PM	11/24/2010 1:47:58 PM
				SW-846 7471A	11/22/2010 10:20:52 AM	11/22/2010
				SW-846 9012A		11/24/2010 11:08:00 AM
				SW-846 9012A (Total)		11/23/2010 11:45:00 AM
10110915-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/22/2010 5:57:00 PM
10110915-002A	P6-HI4-W(8)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:59:09 PM	11/24/2010 8:15:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:56:33 PM	12/2/2010 9:09:00 PM
10110915-002B				EPA SW846 3550C, 5035A, ASTM D2974		11/22/2010 2:30:00 PM
				Standard Methods 18th Ed. 2540 G		11/22/2010 2:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	11/23/2010 1:13:05 PM	11/25/2010 1:03:20 AM
				SW-846 3050B, Metals by GFAA	11/23/2010 5:48:47 PM	11/29/2010 3:21:30 PM
				SW-846 3050B, Metals by GFAA	11/23/2010 5:48:47 PM	11/29/2010 4:47:18 PM
				SW-846 7471A	11/22/2010 10:20:52 AM	11/22/2010
				SW-846 9012A		11/23/2010 11:45:00 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 6240908012

**Lab Order:** 10110915

**Report Date:** 13-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10110915-002B	P6-HI4-W(8)	11/19/2010	Solid	SW-846 9012A (Total)		11/23/2010 11:45:00 AM
10110915-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/22/2010 6:27:00 PM
10110915-003A	P6-HI4-W(16)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:59:09 PM	11/24/2010 8:53:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/22/2010 3:56:33 PM	12/2/2010 9:41:00 PM
10110915-003B				EPA SW846 3550C, 5035A, ASTM D2974		11/22/2010 2:30:00 PM
				Standard Methods 18th Ed. 2540 G		11/22/2010 2:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	11/23/2010 1:13:05 PM	11/25/2010 1:20:04 AM
				SW-846 3050B, Metals by GFAA	11/23/2010 5:48:47 PM	11/29/2010 3:35:38 PM
				SW-846 7471A	11/22/2010 10:20:52 AM	11/22/2010
				SW-846 9012A		11/23/2010 11:45:00 AM
				SW-846 9012A (Total)		11/23/2010 11:45:00 AM
10110915-003E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/22/2010 6:57:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/23/2010 11:12:00 AM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 4:53:00 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 6240908012

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MB-R142893</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>142893</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142893</b>		Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802358</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-R142893</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>142893</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142893</b>		Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802359</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.03	0.01	0.02500	0	103.0	85	115				
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Sample ID: <b>10110915-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>142893</b>							
Client ID: <b>P6-HI4-W(3)MS</b>	Batch ID: <b>R142893</b>		Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802371</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	2.04	0.61	1.515	0.3615	110.6	75	125				
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Sample ID: <b>10110915-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>142893</b>							
Client ID: <b>P6-HI4-W(3)MSD</b>	Batch ID: <b>R142893</b>		Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802372</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	2.02	0.63	1.574	0.3615	105.4	75	125	2.037	0.826	15	
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Sample ID: <b>MB-R142893</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>142893</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142893</b>		Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802375</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-R142893</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>142893</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142893</b>		Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802376</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 6240908012

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-R142893</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>142893</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R142893</b>					Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802376</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.03	0.01	0.02500	0	111.0	85	115				
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Sample ID: <b>10110915-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>142893</b>				
Client ID: <b>P6-HI4-W(8)MS</b>	Batch ID: <b>R142893</b>					Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802387</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	1.44	0.50	1.259	0.2231	96.7	75	125				
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Sample ID: <b>10110915-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>142893</b>				
Client ID: <b>P6-HI4-W(8)MSD</b>	Batch ID: <b>R142893</b>					Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802388</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	1.65	0.56	1.391	0.2231	102.3	75	125	1.440	13.4	15	
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Sample ID: <b>MB-R142947</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>142947</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R142947</b>					Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803819</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-R142947</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>142947</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R142947</b>					Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803820</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.03	0.01	0.02500	0	103.5	85	115				
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Sample ID: <b>MB-R142947</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>142947</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R142947</b>					Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803844</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 6240908012

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MB-R142947</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>142947</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142947</b>					Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803844</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-R142947</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>142947</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142947</b>					Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803845</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.03 0.01 0.02500 0 100.2 85 115

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Lab Order: 10110915

Report Date: 13-Dec-10

## ANALYTICAL QC SUMMARY REPORT

TestCode: I\_TS\_M\_MT

Sample ID: <b>LCS-R142848</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>142848</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142848</b>		Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801130</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>142848</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142848</b>		Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801131</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				
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Sample ID: <b>10110915-001BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>142848</b>							
Client ID: <b>P6-HI4-W(3)DUP</b>	Batch ID: <b>R142848</b>		Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801153</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	77.9	0.1						77.86	0.0770	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_HG\_SOLID

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MB-64529</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142833</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64529</b>	<b>SOP 3063</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800734</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-64529</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142833</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64529</b>	<b>SOP 3063</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800735</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.260 0.010 0.2500 0 104.2 85 115

Sample ID: <b>10110915-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142833</b>							
Client ID: <b>P6-HI4-W(3)MS</b>	Batch ID: <b>64529</b>	<b>SOP 3063</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800766</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.351 0.012 0.3133 0.06140 92.4 75 125

Sample ID: <b>10110915-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142833</b>							
Client ID: <b>P6-HI4-W(3)MSD</b>	Batch ID: <b>64529</b>	<b>SOP 3063</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2800767</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.358 0.012 0.3133 0.06140 94.6 75 125 0.3508 1.95 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_SOLID\_GF

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MB-64570</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142935</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64570</b>	<b>SOP 3042</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803325</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-64570</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142935</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64570</b>	<b>SOP 3042</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803326</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.68	0.600	3.000	0	89.3	80	120			
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Sample ID: <b>MB-64570</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64570</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804704</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-64570</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64570</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804705</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.82	0.600	3.000	0	93.8	80	120			
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Sample ID: <b>10110915-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>P6-HI4-W(8)MS</b>	Batch ID: <b>64570</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804725</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	3.47	1.15	2.885	0	120.2	70	130			
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Sample ID: <b>10110915-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>P6-HI4-W(8)MSD</b>	Batch ID: <b>64570</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804726</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 6240908012

TestCode: M\_SOLID\_GF

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>10110915-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>P6-HI4-W(8)MSD</b>	Batch ID: <b>64570</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804726</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	3.51	1.15	2.885	0	121.5	70	130	3.468	1.07	20

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_SOLIDS\_ICP

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MB-64559</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142912</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64559</b>	<b>SOP 3032</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2802844</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	0.5500	0	0	-100	100				

Sample ID: <b>LCS-64559</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142912</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64559</b>	<b>SOP 3032</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2802845</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	195	2.50	200.0	0	97.5	85	115				
Barium	188	0.50	200.0	0	93.8	85	115				
Cadmium	4.82	0.20	5.000	0	96.4	85	115				
Chromium	20.9	1.00	20.00	0	104.6	85	115				
Lead	49.2	4.00	50.00	0	98.3	85	115				

Sample ID: <b>LCS-64559</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142933</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64559</b>	<b>SOP 3032</b>				Analysis Date: <b>11/25/2010</b>	SeqNo: <b>2803740</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	5.24	0.55	5.000	0	104.8	85	115				

Sample ID: <b>10110915-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142933</b>				
Client ID: <b>P6-HI4-W(8)MS</b>	Batch ID: <b>64559</b>	<b>SOP 3032</b>				Analysis Date: <b>11/25/2010</b>	SeqNo: <b>2803747</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	186	2.50	200.0	1.900	92.3	75	125				
Barium	209	0.50	200.0	43.38	82.9	75	125				
Cadmium	4.22	0.20	5.000	0	84.4	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_SOLIDS\_ICP

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>10110915-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142933</b>							
Client ID: <b>P6-HI4-W(8)MS</b>	Batch ID: <b>64559</b>	<b>SOP 3032</b>	Analysis Date: <b>11/25/2010</b>	SeqNo: <b>2803747</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	34.8	1.00	20.00	14.32	102.3	75	125				
Lead	54.3	4.00	50.00	11.45	85.7	75	125				
Silver	4.96	0.55	5.000	0	99.2	75	125				

Sample ID: <b>10110915-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142933</b>							
Client ID: <b>P6-HI4-W(8)MSD</b>	Batch ID: <b>64559</b>	<b>SOP 3032</b>	Analysis Date: <b>11/25/2010</b>	SeqNo: <b>2803748</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	181	2.50	200.0	1.900	89.7	75	125	186.5	2.83	20	
Barium	206	0.50	200.0	43.38	81.2	75	125	209.1	1.59	20	
Cadmium	4.06	0.20	5.000	0	81.2	75	125	4.220	3.86	20	
Chromium	34.9	1.00	20.00	14.32	102.7	75	125	34.77	0.259	20	
Lead	52.7	4.00	50.00	11.45	82.5	75	125	54.31	3.01	20	
Silver	4.62	0.55	5.000	0	92.4	75	125	4.960	7.10	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SC\_8151S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MB-R143442</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date:			RunNo: <b>143442</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>R143442</b>		Analysis Date: <b>11/30/2010</b>			SeqNo: <b>2815546</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	ND	0.05									
2,4,5-TP (Silvex)	ND	0.05									
2,4-D	ND	0.05									
2,4-DB	ND	0.05									
3,5-Dichlorobenzoic Acid	ND	0.05									
Acifluorfen	ND	0.05									
Bentazon	ND	0.05									
Chloramben	ND	0.05									
Dalapon	ND	0.05									
DCPA	ND	0.05									
Dicamba	ND	0.05									
Dichlorprop	ND	0.05									
Dinoseb	ND	0.05									
Pentachlorophenol	ND	0.05									
Picloram	ND	0.05									
Surr: DCAA	0.07		0.07600		89.7	50	136				

Sample ID: <b>LCS-R143442</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date:			RunNo: <b>143442</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>R143442</b>		Analysis Date: <b>12/1/2010</b>			SeqNo: <b>2815547</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	0.02	0.05	0.02933	0	61.4	50	148				J
2,4,5-TP (Silvex)	0.02	0.05	0.02933	0	78.4	50	150				J
2,4-D	0.04	0.05	0.05867	0	64.8	50	150				J
2,4-DB	0.16	0.05	0.2347	0	69.9	50	150				
3,5-Dichlorobenzoic Acid	0.03	0.05	0.02933	0	92.0	50	139				J
Acifluorfen	0.02	0.05	0.02933	0	78.4	50	150				J
Bentazon	0.07	0.05	0.05867	0	115.9	50	137				
Chloramben	0.02	0.05	0.02933	0	61.4	16	106				J
Dalapon	0.18	0.05	0.3813	0	48.0	18	103				
DCPA	0.02	0.05	0.02933	0	85.2	50	150				J



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SC\_8151S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dicamba	0.03	0.05	0.02933	0	102.3	50	150				J
Dichlorprop	0.08	0.05	0.08800	0	85.2	50	150				
Dinoseb	0.02	0.05	0.05867	0	25.6	10	69				J
Pentachlorophenol	0.01	0.05	0.02933	0	47.7	50	139				JS
Picloram	0.04	0.05	0.02933	0	122.7	50	150				J
Surr: DCAA	0.06		0.07600		75.7	50	136				

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8081S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MB-64517</b>		SampType: <b>MBLK</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/22/2010</b>		RunNo: <b>142823</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64517</b>		<b>SW3550B</b>		Analysis Date: <b>11/22/2010</b>		SeqNo: <b>2800715</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	1.67									
4,4'-DDE	ND	1.67									
4,4'-DDT	ND	1.67									
Alachlor	ND	1.67									
Aldrin	ND	1.67									
alpha-BHC	ND	1.67									
alpha-Chlordane	ND	1.67									
beta-BHC	ND	1.67									
Chlordane	ND	3.34									
delta-BHC	ND	1.67									
Dieldrin	ND	1.67									
Endosulfan I	ND	1.67									
Endosulfan II	ND	1.67									
Endosulfan sulfate	ND	1.67									
Endrin	ND	1.67									
Endrin aldehyde	ND	1.67									
Endrin ketone	ND	1.67									
gamma-BHC	ND	1.67									
gamma-Chlordane	ND	1.67									
Heptachlor	ND	1.67									
Heptachlor epoxide	ND	1.67									
Methoxychlor	ND	1.67									
Toxaphene	ND	30.0									
Surr: Decachlorobiphenyl	9.52		8.330		114.3	73.5	150				
Surr: Tetrachloro-m-xylene	5.65		8.330		67.8	14.4	113				

Sample ID: <b>LCSPST-64517</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/22/2010</b>		RunNo: <b>142823</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64517</b>		<b>SW3550B</b>		Analysis Date: <b>11/22/2010</b>		SeqNo: <b>2800716</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	6.20	1.67	8.330	0	74.5	36	208				

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8081S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCSPST-64517</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>			Prep Date: <b>11/22/2010</b>		RunNo: <b>142823</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64517</b>		<b>SW3550B</b>			Analysis Date: <b>11/22/2010</b>		SeqNo: <b>2800716</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDE	6.05	1.67	8.330	0	72.6	26	191				
4,4'-DDT	6.74	1.67	8.330	0	80.9	3	215				
Alachlor	5.88	1.67	8.330	0	70.6	30	170				
Aldrin	5.32	1.67	8.330	0	63.8	46	173				
alpha-BHC	4.39	1.67	8.330	0	52.7	37	179				
alpha-Chlordane	6.47	1.67	8.330	0	77.7	38	187				
beta-BHC	6.12	1.67	8.330	0	73.4	51	185				
delta-BHC	5.49	1.67	8.330	0	65.9	46	166				
Dieldrin	6.08	1.67	8.330	0	73.0	26	216				
Endosulfan I	6.15	1.67	8.330	0	73.8	31	205				
Endosulfan II	6.81	1.67	8.330	0	81.8	42	187				
Endosulfan sulfate	7.72	1.67	8.330	0	92.7	29	230				
Endrin	6.16	1.67	8.330	0	73.9	30	215				
Endrin aldehyde	7.22	1.67	8.330	0	86.7	42	202				
Endrin ketone	7.70	1.67	8.330	0	92.4	19	244				
gamma-BHC	5.32	1.67	8.330	0	63.9	55	166				
gamma-Chlordane	6.51	1.67	8.330	0	78.2	23	186				
Heptachlor	5.46	1.67	8.330	0	65.5	43	172				
Heptachlor epoxide	5.92	1.67	8.330	0	71.1	39	204				
Methoxychlor	7.80	1.67	8.330	0	93.7	3	221				
Surr: Decachlorobiphenyl	10.5		8.330		126.4	50.4	176				
Surr: Tetrachloro-m-xylene	6.14		8.330		73.8	10	107				

Sample ID: <b>10110915-001AMS</b>		SampType: <b>MS</b>		Units: <b>µg/Kg-dry</b>			Prep Date: <b>11/22/2010</b>		RunNo: <b>142823</b>		
Client ID: <b>P6-HI4-W(3)MS</b>		Batch ID: <b>64517</b>		<b>SW3550B</b>			Analysis Date: <b>11/22/2010</b>		SeqNo: <b>2801567</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	7.07	2.13	10.65	0	66.4	36	208				
4,4'-DDE	6.94	2.13	10.65	0	65.2	26	191				
4,4'-DDT	7.73	2.13	10.65	0	72.6	3	215				
Alachlor	7.69	2.13	10.65	0	72.2	30	170				

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Lab Order: 10110915

Report Date: 13-Dec-10

# ANALYTICAL QC SUMMARY REPORT

TestCode: SV\_8081S\_S

Sample ID: 10110915-001AMS		SampType: MS		Units: µg/Kg-dry		Prep Date: 11/22/2010		RunNo: 142823			
Client ID: P6-HI4-W(3)MS		Batch ID: 64517		SW3550B		Analysis Date: 11/22/2010		SeqNo: 2801567			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	6.33	2.13	10.65	0	59.5	46	173				
alpha-BHC	6.76	2.13	10.65	0	63.5	37	179				
alpha-Chlordane	7.34	2.13	10.65	0	68.9	38	187				
beta-BHC	10.2	2.13	10.65	0	96.1	51	185				
delta-BHC	8.57	2.13	10.65	0	80.5	46	166				
Dieldrin	7.43	2.13	10.65	0	69.8	26	216				
Endosulfan I	6.73	2.13	10.65	0	63.2	31	205				
Endosulfan II	7.06	2.13	10.65	0	66.3	42	187				
Endosulfan sulfate	9.66	2.13	10.65	0	90.7	29	230				
Endrin	7.07	2.13	10.65	1.028	56.7	30	215				
Endrin aldehyde	9.34	2.13	10.65	0	87.7	42	202				
Endrin ketone	10.4	2.13	10.65	0	97.4	19	244				
gamma-BHC	8.05	2.13	10.65	0	75.6	55	166				
gamma-Chlordane	8.05	2.13	10.65	0	75.6	23	186				
Heptachlor	6.80	2.13	10.65	0	63.9	43	172				
Heptachlor epoxide	7.74	2.13	10.65	0	72.7	39	204				
Methoxychlor	9.69	2.13	10.65	0	91.0	3	221				
Surr: Decachlorobiphenyl	8.18		10.65		76.8	48	149				
Surr: Tetrachloro-m-xylene	5.36		10.65		50.3	19	145				

Sample ID: 10110915-001AMSD		SampType: MSD		Units: µg/Kg-dry		Prep Date: 11/22/2010		RunNo: 142823			
Client ID: P6-HI4-W(3)MSD		Batch ID: 64517		SW3550B		Analysis Date: 11/22/2010		SeqNo: 2801568			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	9.04	2.13	10.63	0	85.0	36	208	7.072	24.4	40	
4,4'-DDE	8.50	2.13	10.63	0	79.9	26	191	6.940	20.2	40	
4,4'-DDT	9.16	2.13	10.63	0	86.2	3	215	7.726	17.0	40	
Alachlor	10.4	2.13	10.63	0	97.7	30	170	7.686	29.9	40	
Aldrin	8.66	2.13	10.63	0	81.4	46	173	6.332	31.0	40	
alpha-BHC	9.17	2.13	10.63	0	86.3	37	179	6.761	30.3	40	
alpha-Chlordane	9.19	2.13	10.63	0	86.4	38	187	7.338	22.4	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8081S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: 10110915-001AMSD		SampType: MSD		Units: µg/Kg-dry		Prep Date: 11/22/2010		RunNo: 142823			
Client ID: P6-HI4-W(3)MSD		Batch ID: 64517		SW3550B		Analysis Date: 11/22/2010		SeqNo: 2801568			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
beta-BHC	11.9	2.13	10.63	0	111.5	51	185	10.24	14.7	40	
delta-BHC	10.3	2.13	10.63	0	97.2	46	166	8.569	18.7	40	
Dieldrin	9.02	2.13	10.63	0	84.8	26	216	7.430	19.3	40	
Endosulfan I	8.53	2.13	10.63	0	80.2	31	205	6.728	23.7	40	
Endosulfan II	10.1	2.13	10.63	0	94.5	42	187	7.058	35.0	40	
Endosulfan sulfate	12.9	2.13	10.63	0	121.2	29	230	9.657	28.6	40	
Endrin	9.76	2.13	10.63	1.028	82.1	30	215	7.071	31.9	40	
Endrin aldehyde	11.7	2.13	10.63	0	109.9	42	202	9.339	22.3	40	
Endrin ketone	13.2	2.13	10.63	0	124.6	19	244	10.37	24.4	40	
gamma-BHC	10.2	2.13	10.63	0	95.5	55	166	8.054	23.1	40	
gamma-Chlordane	9.87	2.13	10.63	0	92.8	23	186	8.051	20.3	40	
Heptachlor	9.07	2.13	10.63	0	85.3	43	172	6.802	28.6	40	
Heptachlor epoxide	9.79	2.13	10.63	0	92.0	39	204	7.743	23.3	40	
Methoxychlor	12.8	2.13	10.63	0	120.0	3	221	9.691	27.4	40	
Surr: Decachlorobiphenyl	10.3		10.63		96.5	48	149		0	40	
Surr: Tetrachloro-m-xylene	6.65		10.63		62.5	19	145		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8082S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MB-64517</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>		Prep Date: <b>11/22/2010</b>	RunNo: <b>142853</b>						
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64517</b>	<b>SW3550B</b>		Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801294</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	37.5									
Aroclor 1221	ND	37.5									
Aroclor 1232	ND	37.5									
Aroclor 1242	ND	37.5									
Aroclor 1248	ND	37.5									
Aroclor 1254	ND	37.5									
Aroclor 1260	ND	37.5									
Surr: Decachlorobiphenyl	10.3		8.300		123.8	47.2	128				
Surr: Tetrachloro-meta-xylene	6.5		8.300		77.7	21	98.9				

Sample ID: <b>LCSPCB-64517</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>		Prep Date: <b>11/22/2010</b>	RunNo: <b>142853</b>						
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64517</b>	<b>SW3550B</b>		Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801295</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	134	37.5	166.7	0	80.1	54.9	121				
Aroclor 1260	156	37.5	166.7	0	93.7	65.5	133				
Surr: Decachlorobiphenyl	9.6		8.300		115.2	47.2	128				
Surr: Tetrachloro-meta-xylene	6.5		8.300		78.6	21	98.9				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MB-64537</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>143137</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64537</b>	<b>SW3550B</b>	Analysis Date: <b>12/2/2010</b>	SeqNo: <b>2808034</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	0.034									
Acenaphthylene	ND	0.034									
Aniline	ND	0.500									
Anthracene	ND	0.034									
Azobenzene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Lab Order: 10110915

Report Date: 13-Dec-10

# ANALYTICAL QC SUMMARY REPORT

TestCode: SV\_8270S\_S

Sample ID: <b>MB-64537</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>143137</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64537</b>	<b>SW3550B</b>	Analysis Date: <b>12/2/2010</b>	SeqNo: <b>2808034</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	0.034									
Benzo(a)pyrene	ND	0.034									
Benzo(b)fluoranthene	ND	0.034									
Benzo(g,h,i)perylene	ND	0.034									
Benzo(k)fluoranthene	ND	0.034									
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	0.034									
Dibenzo(a,h)anthracene	ND	0.034									
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	0.034									
Fluorene	ND	0.034									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.034									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.034									



Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MB-64537</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>143137</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64537</b>	<b>SW3550B</b>	Analysis Date: <b>12/2/2010</b>	SeqNo: <b>2808034</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	0.034									
Phenol	ND	0.350									
Pyrene	ND	0.034									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.76		1.670		105.2	52.1	113				
Surr: 2-Fluorobiphenyl	0.640		0.8350		76.7	46.3	106				
Surr: 2-Fluorophenol	1.28		1.670		76.7	50.6	89				
Surr: Nitrobenzene-d5	0.588		0.8350		70.4	42.4	99.2				
Surr: Phenol-d5	1.31		1.670		78.6	55.9	98.5				
Surr: p-Terphenyl-d14	0.714		0.8350		85.6	45.5	115				

Sample ID: <b>LCS-64537</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>143137</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64537</b>	<b>SW3550B</b>	Analysis Date: <b>12/2/2010</b>	SeqNo: <b>2808106</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	76.3	43.9	92.2				
1,4-Dichlorobenzene	1.06	0.500	1.670	0	63.7	43.8	84.1				
2,4,5-Trichlorophenol	2.94	0.350	3.330	0	88.2	38.6	123				
2,4,6-Trichlorophenol	3.10	0.350	3.330	0	93.0	35.9	123				
2,4-Dimethylphenol	1.91	0.500	3.330	0	57.5	38.3	88				
2,4-Dinitrophenol	2.81	1.00	3.330	0	84.3	1.88	162				
2,4-Dinitrotoluene	1.46	0.350	1.670	0	87.6	48.6	102				
2-Chlorophenol	2.36	0.500	3.330	0	70.8	46.6	84				
4-Chloro-3-methylphenol	2.59	0.500	3.330	0	77.9	51.5	94.9				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-64537</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>11/22/2010</b>	RunNo: <b>143137</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64537</b>	<b>SW3550B</b>				Analysis Date: <b>12/2/2010</b>	SeqNo: <b>2808106</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	2.75	0.350	3.330	0	82.7	53.2	104				
Acenaphthene	1.24	0.034	1.670	0	74.2	50.8	113				
Acenaphthylene	1.42	0.034	1.670	0	85.3	52.8	121				
Anthracene	1.16	0.034	1.670	0	69.4	53.3	115				
Benzo(a)anthracene	1.25	0.034	1.670	0	74.8	62.3	110				
Benzo(a)pyrene	1.26	0.034	1.670	0	75.2	58.2	109				
Benzo(b)fluoranthene	1.29	0.034	1.670	0	77.0	51.8	107				
Benzo(g,h,i)perylene	1.47	0.034	1.670	0	88.0	49.6	121				
Benzo(k)fluoranthene	1.35	0.034	1.670	0	80.8	63.1	129				
Bis(2-ethylhexyl)phthalate	1.18	0.350	1.670	0	70.4	56.3	109				
Chrysene	1.95	0.034	1.670	0	117.0	58.4	115				S
Dibenzo(a,h)anthracene	1.48	0.034	1.670	0	88.8	54.9	120				
Diethyl phthalate	2.50	0.500	3.330	0	75.0	51.7	106				
Dimethyl phthalate	2.59	0.350	3.330	0	77.9	58.8	104				
Di-n-butyl phthalate	1.23	0.350	1.670	0	73.7	54.3	105				
Fluoranthene	1.36	0.034	1.670	0	81.2	61.6	113				
Fluorene	1.39	0.034	1.670	0	83.1	52.2	116				
Hexachlorobenzene	3.10	0.350	3.330	0	93.0	55.9	106				
Hexachlorobutadiene	2.71	0.500	3.330	0	81.5	35.7	100				
Hexachloroethane	1.99	0.500	3.330	0	59.7	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.39	0.034	1.670	0	83.3	52.7	115				
m,p-Cresol	1.33	0.500	1.670	0	79.7	37.6	93.7				
Naphthalene	1.30	0.034	1.670	0	77.6	45.7	101				
Nitrobenzene	2.05	0.500	3.330	0	61.5	51.8	104				
N-Nitroso-di-n-propylamine	1.21	0.500	1.670	0	72.3	49.1	94.5				
o-Cresol	1.42	0.500	1.670	0	85.2	43	101				
Pentachlorophenol	2.92	2.00	3.330	0	87.7	42.2	102				
Phenanthrene	1.23	0.034	1.670	0	73.6	52.9	113				
Phenol	2.26	0.350	3.330	0	67.9	41.6	81.3				
Pyrene	1.33	0.034	1.670	0	79.5	60.7	115				
Pyridine	2.05	0.500	3.330	0	61.7	3.61	74.3				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-64537</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>143137</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64537</b>	<b>SW3550B</b>	Analysis Date: <b>12/2/2010</b>	SeqNo: <b>2808106</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1.77		1.670		105.8	52.1	113				
Surr: 2-Fluorobiphenyl	0.636		0.8350		76.2	46.3	106				
Surr: 2-Fluorophenol	1.26		1.670		75.2	50.6	89				
Surr: Nitrobenzene-d5	0.776		0.8350		92.9	42.4	99.2				
Surr: Phenol-d5	1.22		1.670		73.2	55.9	98.5				
Surr: p-Terphenyl-d14	0.683		0.8350		81.8	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MB-64538</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142882</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64538</b>	<b>SW3550B</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2801993</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									
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-Fluorophenol	0.277		0.3330		83.3	42.2	90.4				
Surr: Phenol-d5	0.274		0.3330		82.4	44.6	93.7				
Surr: p-Terphenyl-d14	0.116		0.1670		69.7	34.5	120				

Sample ID: <b>LCS-64538</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142882</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64538</b>	<b>SW3550B</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2801994</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	78.1	56.3	115				
Acenaphthylene	0.127	0.003	0.1670	0	76.2	60.3	143				
Anthracene	0.122	0.003	0.1670	0	73.3	52.1	109				
Benzo(a)anthracene	0.121	0.003	0.1670	0	72.4	52.8	112				
Benzo(a)pyrene	0.119	0.003	0.1670	0	71.5	40.8	127				
Benzo(b)fluoranthene	0.130	0.003	0.1670	0	78.1	50.1	150				
Benzo(g,h,i)perylene	0.134	0.003	0.1670	0	80.3	52.8	145				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10110915

Report Date: 13-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(k)fluoranthene	0.133	0.003	0.1670	0	79.5	52	153				
Chrysene	0.133	0.003	0.1670	0	79.4	60.8	128				
Dibenzo(a,h)anthracene	0.130	0.003	0.1670	0	77.9	54.9	150				
Fluoranthene	0.131	0.003	0.1670	0	78.4	58.7	125				
Fluorene	0.126	0.003	0.1670	0	75.6	57.8	125				
Indeno(1,2,3-cd)pyrene	0.133	0.003	0.1670	0	79.5	52	147				
Naphthalene	0.120	0.003	0.1670	0	71.6	54.8	113				
Phenanthrene	0.130	0.003	0.1670	0	78.1	60.4	121				
Pyrene	0.125	0.003	0.1670	0	74.6	57.9	129				
Surr: 2-Fluorophenol	0.262		0.3330		78.7	42.2	90.4				
Surr: Phenol-d5	0.271		0.3330		81.3	44.6	93.7				
Surr: p-Terphenyl-d14	0.117		0.1670		70.3	34.5	120				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-G101122-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>				Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801250</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	46.4	5.0	50.00	0	92.7	0	200				
1,1,1-Trichloroethane	46.3	5.0	50.00	0	92.6	85.6	124				
1,1,2,2-Tetrachloroethane	46.2	5.0	50.00	0	92.5	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	35.8	5.0	50.00	0	71.6	0	200				
1,1,2-Trichloroethane	44.8	5.0	50.00	0	89.5	0	200				
1,1-Dichloro-2-propanone	118	50.0	125.0	0	94.1	0	200				
1,1-Dichloroethane	43.4	5.0	50.00	0	86.8	0	200				
1,1-Dichloroethene	33.3	5.0	50.00	0	66.6	60.1	131				
1,1-Dichloropropene	43.8	5.0	50.00	0	87.6	0	200				
1,2,3-Trichlorobenzene	54.3	5.0	50.00	0	108.7	0	200				
1,2,3-Trichloropropane	47.5	10	50.00	0	95.1	0	200				
1,2,3-Trimethylbenzene	45.8	5.0	50.00	0	91.5	0	200				
1,2,4-Trichlorobenzene	54.9	5.0	50.00	0	109.8	0	200				
1,2,4-Trimethylbenzene	47.1	5.0	50.00	0	94.2	0	200				
1,2-Dibromo-3-chloropropane	45.9	5.0	50.00	0	91.9	0	200				
1,2-Dibromoethane	46.5	5.0	50.00	0	93.0	86.9	119				
1,2-Dichlorobenzene	46.5	5.0	50.00	0	93.1	88	119				
1,2-Dichloroethane	48.8	5.0	50.00	0	97.7	73	117				
1,2-Dichloropropane	46.0	5.0	50.00	0	92.1	0	200				
1,3,5-Trimethylbenzene	46.8	5.0	50.00	0	93.6	0	200				
1,3-Dichlorobenzene	46.8	5.0	50.00	0	93.7	85.8	125				
1,3-Dichloropropane	44.8	5.0	50.00	0	89.7	0	200				
1,4-Dichlorobenzene	46.3	5.0	50.00	0	92.6	84.5	124				
1-Chlorobutane	40.9	5.0	50.00	0	81.9	0	200				
2,2-Dichloropropane	43.7	5.0	50.00	0	87.4	0	200				
2-Butanone	130	50.0	125.0	0	103.8	45.3	136				
2-Chlorotoluene	45.7	5.0	50.00	0	91.3	0	200				
2-Hexanone	119	50.0	125.0	0	94.9	0	200				
2-Nitropropane	51.4	50.0	50.00	0	102.7	0	200				
4-Chlorotoluene	46.6	5.0	50.00	0	93.2	0	200				
4-Methyl-2-pentanone	120	50.0	125.0	0	95.9	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: LCS-G101122-1	SampType: LCS	Units: µg/Kg				Prep Date: 11/22/2010	RunNo: 142852				
Client ID: ZZZZZZ	Batch ID: 64545	SW5035				Analysis Date: 11/22/2010	SeqNo: 2801250				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	168	50.0	125.0	0	134.7	0	200				
Acrylonitrile	42.1	10	50.00	0	84.2	0	200				
Allyl chloride	41.7	5.0	50.00	0	83.4	0	200				
Benzene	42.9	1.0	50.00	0	85.9	73.9	109				
Bromobenzene	45.6	5.0	50.00	0	91.1	0	200				
Bromochloromethane	46.3	5.0	50.00	0	92.6	0	200				
Bromodichloromethane	49.3	5.0	50.00	0	98.7	91.3	126				
Bromoform	47.7	5.0	50.00	0	95.4	0	200				
Bromomethane	23.1	10	50.00	0	46.1	0	200				
Carbon disulfide	29.1	5.0	50.00	0	58.2	0	200				
Carbon tetrachloride	46.6	5.0	50.00	0	93.1	83.3	127				
Chlorobenzene	45.6	5.0	50.00	0	91.3	85.8	116				
Chloroethane	23.9	10	50.00	0	47.9	0	200				
Chloroform	47.8	5.0	50.00	0	95.5	80	113				
Chloromethane	8.5	10	50.00	0	17.0	0	200				J
cis-1,2-Dichloroethene	44.4	5.0	50.00	0	88.7	0	200				
cis-1,3-Dichloropropene	47.5	4.0	50.00	0	95.1	0	200				
Cyclohexanone	254	100	250.0	0	101.8	0	200				
Dibromochloromethane	46.5	5.0	50.00	0	93.0	89.1	119				
Dibromomethane	46.7	5.0	50.00	0	93.4	0	200				
Dichlorodifluoromethane	ND	10	50.00	0	0	0	200				
Ethyl acetate	46	50.0	50.00	0	92.0	0	200				J
Ethyl ether	40.8	5.0	50.00	0	81.6	0	200				
Ethyl methacrylate	41.6	5.0	50.00	0	83.2	0	200				
Ethylbenzene	45.2	5.0	50.00	0	90.4	84.1	115				
Heptane	40.0	20.0	50.00	0	80.0	0	200				
Hexachlorobutadiene	52.8	5.0	50.00	0	105.7	0	200				
Hexachloroethane	48.1	5.0	50.00	0	96.2	0	200				
Iodomethane	33.4	10	50.00	0	66.8	0	200				
Isopropylbenzene	45.9	5.0	50.00	0	91.8	0	200				
m,p-Xylenes	89.4	5.0	100.0	0	89.4	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-G101122-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>				Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801250</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	45	50.0	50.00	0	89.6	0	200				J
Methyl Methacrylate	43.8	5.0	50.00	0	87.5	0	200				
Methyl tert-butyl ether	44.2	2.0	50.00	0	88.4	80	128				
Methylacrylate	44.7	10	50.00	0	89.4	0	200				
Methylene chloride	40.3	5.0	50.00	0	80.6	73.9	116				
Naphthalene	52.0	10	50.00	0	104.1	73.1	135				
n-Butylbenzene	49.0	5.0	50.00	0	97.9	0	200				
n-Hexane	32.4	20.0	50.00	0	64.7	0	200				
Nitrobenzene	67	100	50.00	0	134.7	0	200				J
n-Propylbenzene	46.4	5.0	50.00	0	92.8	0	200				
o-Xylene	43.9	5.0	50.00	0	87.9	82	117				
Pentachloroethane	47.0	5.0	50.00	0	93.9	0	200				
p-Isopropyltoluene	46.4	5.0	50.00	0	92.8	0	200				
Propionitrile	48	50.0	50.00	0	95.8	0	200				J
sec-Butylbenzene	47.4	5.0	50.00	0	94.9	0	200				
Styrene	44.7	5.0	50.00	0	89.4	0	200				
tert-Butylbenzene	46.0	5.0	50.00	0	92.1	0	200				
Tetrachloroethene	45.5	5.0	50.00	0	91.1	74.6	115				
Tetrahydrofuran	44	50.0	50.00	0	87.8	0	200				J
Toluene	43.2	5.0	50.00	0	86.4	79.1	112				
trans-1,2-Dichloroethene	42.6	5.0	50.00	0	85.1	0	200				
trans-1,3-Dichloropropene	44.8	4.0	50.00	0	89.6	0	200				
Trichloroethene	46.8	5.0	50.00	0	93.5	81	111				
Trichlorofluoromethane	26.8	5.0	50.00	0	53.6	0	200				
Vinyl acetate	45	50.0	50.00	0	89.9	0	200				J
Vinyl chloride	13.4	2.0	50.00	0	26.7	0	200				
Surr: 1,2-Dichloroethane-d4	51.8		50.00		103.6	72.2	131				
Surr: 4-Bromofluorobenzene	49.8		50.00		99.7	82.1	116				
Surr: Dibromofluoromethane	53.4		50.00		106.8	77.7	120				
Surr: Toluene-d8	48.9		50.00		97.7	86	116				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-G101122-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>					
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>				Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801251</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	48.9	5.0	50.00	0	97.9	0	200	46.37	5.39	20		
1,1,1-Trichloroethane	48.6	5.0	50.00	0	97.2	85.6	124	46.31	4.83	20		
1,1,2,2-Tetrachloroethane	50.5	5.0	50.00	0	101.1	0	200	46.25	8.84	20		
1,1,2-Trichloro-1,2,2-trifluoroethane	38.6	5.0	50.00	0	77.2	0	200	35.81	7.45	20		
1,1,2-Trichloroethane	49.1	5.0	50.00	0	98.3	0	200	44.75	9.33	20		
1,1-Dichloro-2-propanone	132	50.0	125.0	0	105.9	0	200	117.7	11.8	20		
1,1-Dichloroethane	46.1	5.0	50.00	0	92.3	0	200	43.38	6.17	20		
1,1-Dichloroethene	35.5	5.0	50.00	0	71.0	60.1	131	33.29	6.37	20		
1,1-Dichloropropene	46.3	5.0	50.00	0	92.6	0	200	43.78	5.57	20		
1,2,3-Trichlorobenzene	56.8	5.0	50.00	0	113.5	0	200	54.34	4.37	20		
1,2,3-Trichloropropane	51.7	10	50.00	0	103.4	0	200	47.53	8.40	20		
1,2,3-Trimethylbenzene	48.0	5.0	50.00	0	95.9	0	200	45.77	4.67	20		
1,2,4-Trichlorobenzene	57.0	5.0	50.00	0	114.0	0	200	54.88	3.81	20		
1,2,4-Trimethylbenzene	48.9	5.0	50.00	0	97.8	0	200	47.10	3.79	20		
1,2-Dibromo-3-chloropropane	51.6	5.0	50.00	0	103.2	0	200	45.93	11.6	20		
1,2-Dibromoethane	50.2	5.0	50.00	0	100.3	86.9	119	46.52	7.55	20		
1,2-Dichlorobenzene	49.0	5.0	50.00	0	98.0	88	119	46.54	5.11	20		
1,2-Dichloroethane	52.2	5.0	50.00	0	104.5	73	117	48.83	6.73	20		
1,2-Dichloropropane	48.6	5.0	50.00	0	97.3	0	200	46.05	5.47	20		
1,3,5-Trimethylbenzene	48.7	5.0	50.00	0	97.3	0	200	46.82	3.85	20		
1,3-Dichlorobenzene	48.8	5.0	50.00	0	97.6	85.8	125	46.83	4.12	20		
1,3-Dichloropropane	48.3	5.0	50.00	0	96.5	0	200	44.85	7.32	20		
1,4-Dichlorobenzene	48.6	5.0	50.00	0	97.2	84.5	124	46.28	4.85	20		
1-Chlorobutane	42.9	5.0	50.00	0	85.7	0	200	40.94	4.61	20		
2,2-Dichloropropane	46.0	5.0	50.00	0	92.1	0	200	43.72	5.19	20		
2-Butanone	143	50.0	125.0	0	114.6	45.3	136	129.8	9.88	20		
2-Chlorotoluene	47.6	5.0	50.00	0	95.2	0	200	45.67	4.14	20		
2-Hexanone	133	50.0	125.0	0	106.3	0	200	118.6	11.4	20		
2-Nitropropane	57.3	50.0	50.00	0	114.6	0	200	51.35	11.0	20		
4-Chlorotoluene	48.5	5.0	50.00	0	97.0	0	200	46.61	3.97	20		
4-Methyl-2-pentanone	133	50.0	125.0	0	106.7	0	200	119.8	10.7	20		

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-G101122-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>				Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801251</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	186	50.0	125.0	0	148.8	0	200	168.4	9.96	20	
Acrylonitrile	47.1	10	50.00	0	94.2	0	200	42.12	11.2	20	
Allyl chloride	44.2	5.0	50.00	0	88.4	0	200	41.69	5.89	20	
Benzene	45.0	1.0	50.00	0	89.9	73.9	109	42.93	4.60	20	
Bromobenzene	48.3	5.0	50.00	0	96.6	0	200	45.56	5.88	20	
Bromochloromethane	49.0	5.0	50.00	0	98.0	0	200	46.29	5.67	20	
Bromodichloromethane	51.9	5.0	50.00	0	103.8	91.3	126	49.33	5.06	20	
Bromoform	51.3	5.0	50.00	0	102.5	0	200	47.70	7.19	20	
Bromomethane	22.6	10	50.00	0	45.3	0	200	23.06	1.84	20	
Carbon disulfide	30.8	5.0	50.00	0	61.5	0	200	29.08	5.61	20	
Carbon tetrachloride	48.9	5.0	50.00	0	97.8	83.3	127	46.55	4.92	20	
Chlorobenzene	47.7	5.0	50.00	0	95.5	85.8	116	45.64	4.50	20	
Chloroethane	24.9	10	50.00	0	49.7	0	200	23.93	3.85	20	
Chloroform	50.2	5.0	50.00	0	100.4	80	113	47.76	4.98	20	
Chloromethane	9.1	10	50.00	0	18.2	0	200	8.520	0	20	J
cis-1,2-Dichloroethene	46.6	5.0	50.00	0	93.3	0	200	44.35	5.01	20	
cis-1,3-Dichloropropene	50.4	4.0	50.00	0	100.7	0	200	47.53	5.76	20	
Cyclohexanone	259	100	250.0	0	103.7	0	200	254.4	1.87	20	
Dibromochloromethane	49.7	5.0	50.00	0	99.4	89.1	119	46.49	6.63	20	
Dibromomethane	50.5	5.0	50.00	0	101.1	0	200	46.69	7.92	20	
Dichlorodifluoromethane	ND	10	50.00	0	0	0	200	0	0	20	
Ethyl acetate	52.3	50.0	50.00	0	104.6	0	200	45.99	12.8	20	
Ethyl ether	44.0	5.0	50.00	0	87.9	0	200	40.80	7.48	20	
Ethyl methacrylate	45.8	5.0	50.00	0	91.6	0	200	41.60	9.65	20	
Ethylbenzene	47.0	5.0	50.00	0	94.0	84.1	115	45.19	3.93	20	
Heptane	40.5	20.0	50.00	0	81.0	0	200	39.98	1.29	20	
Hexachlorobutadiene	54.8	5.0	50.00	0	109.6	0	200	52.84	3.61	20	
Hexachloroethane	50.8	5.0	50.00	0	101.6	0	200	48.08	5.52	20	
Iodomethane	40.3	10	50.00	0	80.5	0	200	33.38	18.7	20	
Isopropylbenzene	47.8	5.0	50.00	0	95.5	0	200	45.89	3.99	20	
m,p-Xylenes	93.1	5.0	100.0	0	93.1	79.1	111	89.35	4.15	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-G101122-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>				Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801251</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	49	50.0	50.00	0	98.4	0	200	44.82	0	20	J
Methyl Methacrylate	48.0	5.0	50.00	0	96.1	0	200	43.75	9.33	20	
Methyl tert-butyl ether	47.6	2.0	50.00	0	95.2	80	128	44.20	7.41	20	
Methylacrylate	49.6	10	50.00	0	99.2	0	200	44.72	10.3	20	
Methylene chloride	42.3	5.0	50.00	0	84.6	73.9	116	40.31	4.82	20	
Naphthalene	56.3	10	50.00	0	112.6	73.1	135	52.05	7.81	20	
n-Butylbenzene	50.9	5.0	50.00	0	101.9	0	200	48.96	3.94	20	
n-Hexane	33.4	20.0	50.00	0	66.9	0	200	32.35	3.34	20	
Nitrobenzene	64	100	50.00	0	128.8	0	200	67.37	0	20	J
n-Propylbenzene	48.2	5.0	50.00	0	96.4	0	200	46.39	3.79	20	
o-Xylene	45.9	5.0	50.00	0	91.7	82	117	43.93	4.32	20	
Pentachloroethane	49.4	5.0	50.00	0	98.9	0	200	46.97	5.12	20	
p-Isopropyltoluene	48.3	5.0	50.00	0	96.5	0	200	46.38	3.97	20	
Propionitrile	52.1	50.0	50.00	0	104.2	0	200	47.91	8.38	20	
sec-Butylbenzene	49.3	5.0	50.00	0	98.6	0	200	47.45	3.82	20	
Styrene	46.7	5.0	50.00	0	93.4	0	200	44.72	4.31	20	
tert-Butylbenzene	48.0	5.0	50.00	0	96.0	0	200	46.04	4.15	20	
Tetrachloroethene	47.7	5.0	50.00	0	95.4	74.6	115	45.53	4.66	20	
Tetrahydrofuran	48	50.0	50.00	0	96.0	0	200	43.88	0	20	J
Toluene	45.1	5.0	50.00	0	90.2	79.1	112	43.21	4.24	20	
trans-1,2-Dichloroethene	44.9	5.0	50.00	0	89.8	0	200	42.56	5.31	20	
trans-1,3-Dichloropropene	47.7	4.0	50.00	0	95.4	0	200	44.81	6.25	20	
Trichloroethene	49.0	5.0	50.00	0	98.1	81	111	46.76	4.74	20	
Trichlorofluoromethane	28.4	5.0	50.00	0	56.9	0	200	26.79	6.01	20	
Vinyl acetate	48	50.0	50.00	0	95.9	0	200	44.94	0	20	J
Vinyl chloride	14.2	2.0	50.00	0	28.5	0	200	13.36	6.31	20	
Surr: 1,2-Dichloroethane-d4	52.6		50.00		105.1	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	49.5		50.00		98.9	82.1	116		0	20	
Surr: Dibromofluoromethane	53.8		50.00		107.5	77.7	120		0	20	
Surr: Toluene-d8	48.6		50.00		97.3	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101122-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801252</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101122-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801252</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101122-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/22/2010</b>	RunNo: <b>142852</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64545</b>	<b>SW5035</b>	Analysis Date: <b>11/22/2010</b>	SeqNo: <b>2801252</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	53.4		50.00		106.9	72.2	131				
Surr: 4-Bromofluorobenzene	49.8		50.00		99.5	82.1	116				
Surr: Dibromofluoromethane	52.2		50.00		104.4	77.7	120				
Surr: Toluene-d8	49.3		50.00		98.7	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: LCS-F101123-1	SampType: LCS	Units: µg/Kg				Prep Date: 11/23/2010	RunNo: 142899				
Client ID: ZZZZZZ	Batch ID: 64576	SW5035				Analysis Date: 11/23/2010	SeqNo: 2802527				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	48.4	5.0	50.00	0	96.9	0	200				
1,1,1-Trichloroethane	51.0	5.0	50.00	0	102.0	85.6	124				
1,1,2,2-Tetrachloroethane	50.4	5.0	50.00	0	100.8	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	54.7	5.0	50.00	0	109.3	0	200				
1,1,2-Trichloroethane	50.2	5.0	50.00	0	100.3	0	200				
1,1-Dichloro-2-propanone	146	50.0	125.0	0	116.8	0	200				
1,1-Dichloroethane	52.8	5.0	50.00	0	105.5	0	200				
1,1-Dichloroethene	52.9	5.0	50.00	0	105.9	60.1	131				
1,1-Dichloropropene	51.9	5.0	50.00	0	103.8	0	200				
1,2,3-Trichlorobenzene	47.0	5.0	50.00	0	94.0	0	200				
1,2,3-Trichloropropane	47.3	10	50.00	0	94.6	0	200				
1,2,3-Trimethylbenzene	48.0	5.0	50.00	0	95.9	0	200				
1,2,4-Trichlorobenzene	48.8	5.0	50.00	0	97.5	0	200				
1,2,4-Trimethylbenzene	49.5	5.0	50.00	0	99.0	0	200				
1,2-Dibromo-3-chloropropane	41.1	5.0	50.00	0	82.2	0	200				
1,2-Dibromoethane	50.6	5.0	50.00	0	101.2	86.9	119				
1,2-Dichlorobenzene	49.0	5.0	50.00	0	98.1	88	119				
1,2-Dichloroethane	56.1	5.0	50.00	0	112.2	73	117				
1,2-Dichloropropane	51.0	5.0	50.00	0	102.1	0	200				
1,3,5-Trimethylbenzene	48.2	5.0	50.00	0	96.3	0	200				
1,3-Dichlorobenzene	49.5	5.0	50.00	0	99.1	85.8	125				
1,3-Dichloropropane	50.2	5.0	50.00	0	100.5	0	200				
1,4-Dichlorobenzene	49.4	5.0	50.00	0	98.8	84.5	124				
1-Chlorobutane	53.2	5.0	50.00	0	106.4	0	200				
2,2-Dichloropropane	53.3	5.0	50.00	0	106.7	0	200				
2-Butanone	135	50.0	125.0	0	108.4	45.3	136				
2-Chlorotoluene	49.2	5.0	50.00	0	98.3	0	200				
2-Hexanone	136	50.0	125.0	0	108.8	0	200				
2-Nitropropane	549	50.0	500.0	0	109.9	0	200				
4-Chlorotoluene	49.3	5.0	50.00	0	98.7	0	200				
4-Methyl-2-pentanone	128	50.0	125.0	0	102.2	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: LCS-F101123-1	SampType: LCS	Units: µg/Kg				Prep Date: 11/23/2010	RunNo: 142899				
Client ID: ZZZZZZ	Batch ID: 64576	SW5035				Analysis Date: 11/23/2010	SeqNo: 2802527				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	168	50.0	125.0	0	134.2	0	200				
Acrylonitrile	50.4	10	50.00	0	100.8	0	200				
Allyl chloride	57.8	5.0	50.00	0	115.6	0	200				
Benzene	52.2	1.0	50.00	0	104.3	73.9	109				
Bromobenzene	50.5	5.0	50.00	0	101.0	0	200				
Bromochloromethane	52.6	5.0	50.00	0	105.2	0	200				
Bromodichloromethane	49.6	5.0	50.00	0	99.2	91.3	126				
Bromoform	43.5	5.0	50.00	0	87.0	0	200				
Bromomethane	36.5	10	50.00	0	73.0	0	200				
Carbon disulfide	53.4	5.0	50.00	0	106.8	0	200				
Carbon tetrachloride	52.8	5.0	50.00	0	105.6	83.3	127				
Chlorobenzene	50.1	5.0	50.00	0	100.2	85.8	116				
Chloroethane	55.2	10	50.00	0	110.4	0	200				
Chloroform	53.9	5.0	50.00	0	107.7	80	113				
Chloromethane	53.4	10	50.00	0	106.7	0	200				
cis-1,2-Dichloroethene	49.8	5.0	50.00	0	99.6	0	200				
cis-1,3-Dichloropropene	49.3	4.0	50.00	0	98.6	0	200				
Cyclohexanone	295	100	250.0	0	118.2	0	200				
Dibromochloromethane	48.6	5.0	50.00	0	97.1	89.1	119				
Dibromomethane	48.6	5.0	50.00	0	97.1	0	200				
Dichlorodifluoromethane	60.2	10	50.00	0	120.5	0	200				
Ethyl acetate	46	50.0	50.00	0	92.9	0	200				J
Ethyl ether	51.6	5.0	50.00	0	103.3	0	200				
Ethyl methacrylate	49.1	5.0	50.00	0	98.3	0	200				
Ethylbenzene	48.4	5.0	50.00	0	96.8	84.1	115				
Heptane	53.5	20.0	50.00	0	107.0	0	200				
Hexachlorobutadiene	47.7	5.0	50.00	0	95.4	0	200				
Hexachloroethane	44.6	5.0	50.00	0	89.2	0	200				
Iodomethane	69.1	10	50.00	0	138.2	0	200				
Isopropylbenzene	48.8	5.0	50.00	0	97.6	0	200				
m,p-Xylenes	98.8	5.0	100.0	0	98.8	79.1	111				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-F101123-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142899</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64576</b>	<b>SW5035</b>				Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802527</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	51.4	50.0	50.00	0	102.7	0	200				
Methyl Methacrylate	47.7	5.0	50.00	0	95.5	0	200				
Methyl tert-butyl ether	53.6	2.0	50.00	0	107.2	80	128				
Methylacrylate	52.5	10	50.00	0	104.9	0	200				
Methylene chloride	49.3	5.0	50.00	0	98.6	73.9	116				
Naphthalene	46.2	10	50.00	0	92.3	73.1	135				
n-Butylbenzene	50.2	5.0	50.00	0	100.3	0	200				
n-Hexane	56.3	20.0	50.00	0	112.6	0	200				
Nitrobenzene	267	100	500.0	0	53.3	0	200				
n-Propylbenzene	49.2	5.0	50.00	0	98.4	0	200				
o-Xylene	48.4	5.0	50.00	0	96.9	82	117				
Pentachloroethane	51.6	5.0	50.00	0	103.1	0	200				
p-Isopropyltoluene	49.6	5.0	50.00	0	99.1	0	200				
Propionitrile	507	50.0	500.0	0	101.5	0	200				
sec-Butylbenzene	49.0	5.0	50.00	0	98.0	0	200				
Styrene	49.5	5.0	50.00	0	99.1	0	200				
tert-Butylbenzene	48.3	5.0	50.00	0	96.6	0	200				
Tetrachloroethene	46.2	5.0	50.00	0	92.4	74.6	115				
Tetrahydrofuran	48	50.0	50.00	0	96.0	0	200				J
Toluene	50.2	5.0	50.00	0	100.5	79.1	112				
trans-1,2-Dichloroethene	54.3	5.0	50.00	0	108.6	0	200				
trans-1,3-Dichloropropene	51.8	4.0	50.00	0	103.6	0	200				
Trichloroethene	49.6	5.0	50.00	0	99.1	81	111				
Trichlorofluoromethane	52.7	5.0	50.00	0	105.4	0	200				
Vinyl acetate	49	50.0	50.00	0	98.8	0	200				J
Vinyl chloride	63.4	2.0	50.00	0	126.8	0	200				
Surr: 1,2-Dichloroethane-d4	57.4		50.00		114.9	72.2	131				
Surr: 4-Bromofluorobenzene	45.1		50.00		90.2	82.1	116				
Surr: Dibromofluoromethane	53.8		50.00		107.7	77.7	120				
Surr: Toluene-d8	52.2		50.00		104.4	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-F101123-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142899</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64576</b>	<b>SW5035</b>				Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802528</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	49.2	5.0	50.00	0	98.4	0	200	48.44	1.56	20		
1,1,1-Trichloroethane	51.0	5.0	50.00	0	101.9	85.6	124	51.00	0.0981	20		
1,1,2,2-Tetrachloroethane	49.2	5.0	50.00	0	98.4	0	200	50.42	2.49	20		
1,1,2-Trichloro-1,2,2-trifluoroethane	52.2	5.0	50.00	0	104.4	0	200	54.66	4.60	20		
1,1,2-Trichloroethane	49.7	5.0	50.00	0	99.4	0	200	50.16	0.962	20		
1,1-Dichloro-2-propanone	153	50.0	125.0	0	122.2	0	200	146.1	4.51	20		
1,1-Dichloroethane	52.5	5.0	50.00	0	105.1	0	200	52.75	0.418	20		
1,1-Dichloroethene	50.4	5.0	50.00	0	100.9	60.1	131	52.94	4.84	20		
1,1-Dichloropropene	52.0	5.0	50.00	0	104.0	0	200	51.92	0.115	20		
1,2,3-Trichlorobenzene	46.5	5.0	50.00	0	92.9	0	200	47.00	1.13	20		
1,2,3-Trichloropropane	46.5	10	50.00	0	93.0	0	200	47.28	1.68	20		
1,2,3-Trimethylbenzene	48.0	5.0	50.00	0	96.0	0	200	47.95	0.146	20		
1,2,4-Trichlorobenzene	48.1	5.0	50.00	0	96.2	0	200	48.75	1.38	20		
1,2,4-Trimethylbenzene	48.6	5.0	50.00	0	97.2	0	200	49.51	1.88	20		
1,2-Dibromo-3-chloropropane	41.8	5.0	50.00	0	83.6	0	200	41.10	1.69	20		
1,2-Dibromoethane	50.9	5.0	50.00	0	101.8	86.9	119	50.60	0.611	20		
1,2-Dichlorobenzene	49.2	5.0	50.00	0	98.3	88	119	49.04	0.244	20		
1,2-Dichloroethane	55.5	5.0	50.00	0	110.9	73	117	56.10	1.15	20		
1,2-Dichloropropane	51.7	5.0	50.00	0	103.3	0	200	51.03	1.23	20		
1,3,5-Trimethylbenzene	47.2	5.0	50.00	0	94.4	0	200	48.15	1.95	20		
1,3-Dichlorobenzene	49.0	5.0	50.00	0	98.0	85.8	125	49.54	1.06	20		
1,3-Dichloropropane	50.4	5.0	50.00	0	100.8	0	200	50.23	0.378	20		
1,4-Dichlorobenzene	48.6	5.0	50.00	0	97.2	84.5	124	49.40	1.65	20		
1-Chlorobutane	51.6	5.0	50.00	0	103.3	0	200	53.22	3.01	20		
2,2-Dichloropropane	51.9	5.0	50.00	0	103.9	0	200	53.33	2.64	20		
2-Butanone	136	50.0	125.0	0	108.7	45.3	136	135.4	0.302	20		
2-Chlorotoluene	48.3	5.0	50.00	0	96.6	0	200	49.17	1.76	20		
2-Hexanone	137	50.0	125.0	0	109.7	0	200	136.0	0.886	20		
2-Nitropropane	545	50.0	500.0	0	109.0	0	200	549.4	0.844	20		
4-Chlorotoluene	47.9	5.0	50.00	0	95.7	0	200	49.33	3.03	20		
4-Methyl-2-pentanone	128	50.0	125.0	0	102.5	0	200	127.8	0.328	20		

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-F101123-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142899</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64576</b>	<b>SW5035</b>				Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802528</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	162	50.0	125.0	0	129.6	0	200	167.7	3.49	20	
Acrylonitrile	49.5	10	50.00	0	99.0	0	200	50.42	1.88	20	
Allyl chloride	55.7	5.0	50.00	0	111.4	0	200	57.82	3.75	20	
Benzene	52.0	1.0	50.00	0	104.0	73.9	109	52.17	0.365	20	
Bromobenzene	50.0	5.0	50.00	0	100	0	200	50.49	0.975	20	
Bromochloromethane	51.5	5.0	50.00	0	103.0	0	200	52.58	2.08	20	
Bromodichloromethane	50.4	5.0	50.00	0	100.9	91.3	126	49.58	1.74	20	
Bromoform	43.8	5.0	50.00	0	87.6	0	200	43.51	0.641	20	
Bromomethane	34.9	10	50.00	0	69.9	0	200	36.49	4.37	20	
Carbon disulfide	52.0	5.0	50.00	0	104.0	0	200	53.38	2.66	20	
Carbon tetrachloride	51.8	5.0	50.00	0	103.6	83.3	127	52.78	1.87	20	
Chlorobenzene	50.0	5.0	50.00	0	100	85.8	116	50.11	0.260	20	
Chloroethane	53.8	10	50.00	0	107.7	0	200	55.19	2.49	20	
Chloroform	53.5	5.0	50.00	0	106.9	80	113	53.86	0.745	20	
Chloromethane	55.2	10	50.00	0	110.3	0	200	53.36	3.34	20	
cis-1,2-Dichloroethene	49.4	5.0	50.00	0	98.7	0	200	49.78	0.827	20	
cis-1,3-Dichloropropene	49.4	4.0	50.00	0	98.7	0	200	49.30	0.101	20	
Cyclohexanone	326	100	250.0	0	130.4	0	200	295.4	9.84	20	
Dibromochloromethane	48.8	5.0	50.00	0	97.5	89.1	119	48.55	0.411	20	
Dibromomethane	49.3	5.0	50.00	0	98.6	0	200	48.57	1.51	20	
Dichlorodifluoromethane	58.9	10	50.00	0	117.9	0	200	60.24	2.18	20	
Ethyl acetate	47	50.0	50.00	0	94.5	0	200	46.44	0	20	J
Ethyl ether	49.6	5.0	50.00	0	99.3	0	200	51.65	3.99	20	
Ethyl methacrylate	48.3	5.0	50.00	0	96.6	0	200	49.13	1.75	20	
Ethylbenzene	48.6	5.0	50.00	0	97.3	84.1	115	48.38	0.536	20	
Heptane	55.0	20.0	50.00	0	110.1	0	200	53.49	2.87	20	
Hexachlorobutadiene	47.0	5.0	50.00	0	94.0	0	200	47.69	1.44	20	
Hexachloroethane	44.3	5.0	50.00	0	88.6	0	200	44.61	0.742	20	
Iodomethane	68.8	10	50.00	0	137.6	0	200	69.09	0.421	20	
Isopropylbenzene	49.2	5.0	50.00	0	98.4	0	200	48.79	0.857	20	
m,p-Xylenes	98.0	5.0	100.0	0	98.0	79.1	111	98.75	0.762	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-F101123-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142899</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64576</b>	<b>SW5035</b>				Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802528</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50.5	50.0	50.00	0	100.9	0	200	51.35	1.73	20	
Methyl Methacrylate	47.7	5.0	50.00	0	95.3	0	200	47.74	0.168	20	
Methyl tert-butyl ether	53.3	2.0	50.00	0	106.6	80	128	53.60	0.524	20	
Methylacrylate	51.7	10	50.00	0	103.5	0	200	52.47	1.40	20	
Methylene chloride	49.0	5.0	50.00	0	98.0	73.9	116	49.32	0.671	20	
Naphthalene	45.8	10	50.00	0	91.5	73.1	135	46.16	0.870	20	
n-Butylbenzene	49.8	5.0	50.00	0	99.6	0	200	50.16	0.680	20	
n-Hexane	53.8	20.0	50.00	0	107.5	0	200	56.29	4.62	20	
Nitrobenzene	263	100	500.0	0	52.6	0	200	266.5	1.42	20	
n-Propylbenzene	47.9	5.0	50.00	0	95.8	0	200	49.20	2.68	20	
o-Xylene	48.7	5.0	50.00	0	97.3	82	117	48.45	0.453	20	
Pentachloroethane	49.0	5.0	50.00	0	98.0	0	200	51.56	5.11	20	
p-Isopropyltoluene	48.4	5.0	50.00	0	96.8	0	200	49.55	2.35	20	
Propionitrile	513	50.0	500.0	0	102.6	0	200	507.3	1.12	20	
sec-Butylbenzene	48.5	5.0	50.00	0	97.1	0	200	49.00	0.943	20	
Styrene	49.4	5.0	50.00	0	98.9	0	200	49.54	0.182	20	
tert-Butylbenzene	47.3	5.0	50.00	0	94.6	0	200	48.31	2.13	20	
Tetrachloroethene	47.0	5.0	50.00	0	94.1	74.6	115	46.18	1.82	20	
Tetrahydrofuran	47	50.0	50.00	0	93.6	0	200	48.00	0	20	J
Toluene	49.3	5.0	50.00	0	98.7	79.1	112	50.25	1.83	20	
trans-1,2-Dichloroethene	53.1	5.0	50.00	0	106.2	0	200	54.28	2.16	20	
trans-1,3-Dichloropropene	51.0	4.0	50.00	0	102.0	0	200	51.78	1.54	20	
Trichloroethene	49.6	5.0	50.00	0	99.2	81	111	49.55	0.0605	20	
Trichlorofluoromethane	51.3	5.0	50.00	0	102.6	0	200	52.72	2.77	20	
Vinyl acetate	48	50.0	50.00	0	96.3	0	200	49.39	0	20	J
Vinyl chloride	61.3	2.0	50.00	0	122.6	0	200	63.41	3.40	20	
Surr: 1,2-Dichloroethane-d4	58.4		50.00		116.7	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.0		50.00		100	82.1	116		0	20	
Surr: Dibromofluoromethane	53.5		50.00		107.1	77.7	120		0	20	
Surr: Toluene-d8	51.5		50.00		102.9	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MBLK-F101123-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142899</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64576</b>	<b>SW5035</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802529</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MBLK-F101123-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142899</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64576</b>	<b>SW5035</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802529</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MBLK-F101123-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142899</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64576</b>	<b>SW5035</b>	Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802529</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	59.4		50.00		118.8	72.2	131				
Surr: 4-Bromofluorobenzene	48.4		50.00		96.7	82.1	116				
Surr: Dibromofluoromethane	54.2		50.00		108.5	77.7	120				
Surr: Toluene-d8	50.8		50.00		101.6	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-G101124-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142960</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64608</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804001</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	47.7	5.0	50.00	0	95.4	0	200				
1,1,1-Trichloroethane	51.2	5.0	50.00	0	102.5	85.6	124				
1,1,2,2-Tetrachloroethane	47.1	5.0	50.00	0	94.2	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	51.9	5.0	50.00	0	103.8	0	200				
1,1,2-Trichloroethane	46.7	5.0	50.00	0	93.3	0	200				
1,1-Dichloro-2-propanone	128	50.0	125.0	0	102.6	0	200				
1,1-Dichloroethane	49.5	5.0	50.00	0	99.0	0	200				
1,1-Dichloroethene	49.8	5.0	50.00	0	99.5	60.1	131				
1,1-Dichloropropene	48.9	5.0	50.00	0	97.8	0	200				
1,2,3-Trichlorobenzene	49.8	5.0	50.00	0	99.6	0	200				
1,2,3-Trichloropropane	47.9	10	50.00	0	95.8	0	200				
1,2,3-Trimethylbenzene	46.6	5.0	50.00	0	93.2	0	200				
1,2,4-Trichlorobenzene	48.8	5.0	50.00	0	97.6	0	200				
1,2,4-Trimethylbenzene	46.3	5.0	50.00	0	92.6	0	200				
1,2-Dibromo-3-chloropropane	48.4	5.0	50.00	0	96.8	0	200				
1,2-Dibromoethane	48.2	5.0	50.00	0	96.4	86.9	119				
1,2-Dichlorobenzene	46.1	5.0	50.00	0	92.2	88	119				
1,2-Dichloroethane	51.6	5.0	50.00	0	103.3	73	117				
1,2-Dichloropropane	48.8	5.0	50.00	0	97.5	0	200				
1,3,5-Trimethylbenzene	46.6	5.0	50.00	0	93.3	0	200				
1,3-Dichlorobenzene	45.5	5.0	50.00	0	91.0	85.8	125				
1,3-Dichloropropane	46.0	5.0	50.00	0	92.0	0	200				
1,4-Dichlorobenzene	44.4	5.0	50.00	0	88.8	84.5	124				
1-Chlorobutane	45.8	5.0	50.00	0	91.7	0	200				
2,2-Dichloropropane	48.8	5.0	50.00	0	97.6	0	200				
2-Butanone	136	50.0	125.0	0	108.5	45.3	136				
2-Chlorotoluene	44.8	5.0	50.00	0	89.6	0	200				
2-Hexanone	120	50.0	125.0	0	96.1	0	200				
2-Nitropropane	541	50.0	500.0	0	108.2	0	200				
4-Chlorotoluene	44.9	5.0	50.00	0	89.8	0	200				
4-Methyl-2-pentanone	121	50.0	125.0	0	96.7	0	200				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: LCS-G101124-1	SampType: LCS	Units: µg/Kg				Prep Date: 11/24/2010	RunNo: 142960				
Client ID: ZZZZZZ	Batch ID: 64608	SW5035				Analysis Date: 11/24/2010	SeqNo: 2804001				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	175	50.0	125.0	0	140.0	0	200				
Acrylonitrile	45.3	10	50.00	0	90.6	0	200				
Allyl chloride	50.6	5.0	50.00	0	101.3	0	200				
Benzene	47.8	1.0	50.00	0	95.7	73.9	109				
Bromobenzene	46.2	5.0	50.00	0	92.4	0	200				
Bromochloromethane	49.1	5.0	50.00	0	98.3	0	200				
Bromodichloromethane	51.0	5.0	50.00	0	102.1	91.3	126				
Bromoform	48.4	5.0	50.00	0	96.8	0	200				
Bromomethane	32.6	10	50.00	0	65.1	0	200				
Carbon disulfide	50.8	5.0	50.00	0	101.6	0	200				
Carbon tetrachloride	52.5	5.0	50.00	0	104.9	83.3	127				
Chlorobenzene	46.2	5.0	50.00	0	92.4	85.8	116				
Chloroethane	48.3	10	50.00	0	96.6	0	200				
Chloroform	51.6	5.0	50.00	0	103.1	80	113				
Chloromethane	38.9	10	50.00	0	77.8	0	200				
cis-1,2-Dichloroethene	49.2	5.0	50.00	0	98.4	0	200				
cis-1,3-Dichloropropene	49.8	4.0	50.00	0	99.6	0	200				
Cyclohexanone	245	100	250.0	0	98.0	0	200				
Dibromochloromethane	48.8	5.0	50.00	0	97.7	89.1	119				
Dibromomethane	49.8	5.0	50.00	0	99.7	0	200				
Dichlorodifluoromethane	37.6	10	50.00	0	75.2	0	200				
Ethyl acetate	48	50.0	50.00	0	96.1	0	200				J
Ethyl ether	51.5	5.0	50.00	0	103.0	0	200				
Ethyl methacrylate	43.2	5.0	50.00	0	86.5	0	200				
Ethylbenzene	45.4	5.0	50.00	0	90.8	84.1	115				
Heptane	41.9	20.0	50.00	0	83.7	0	200				
Hexachlorobutadiene	46.9	5.0	50.00	0	93.9	0	200				
Hexachloroethane	48.1	5.0	50.00	0	96.1	0	200				
Iodomethane	50.5	10	50.00	0	100.9	0	200				
Isopropylbenzene	45.5	5.0	50.00	0	91.1	0	200				
m,p-Xylenes	89.4	5.0	100.0	0	89.4	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-G101124-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142960</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64608</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804001</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	46	50.0	50.00	0	91.7	0	200				J
Methyl Methacrylate	46.9	5.0	50.00	0	93.8	0	200				
Methyl tert-butyl ether	50.1	2.0	50.00	0	100.1	80	128				
Methylacrylate	48.1	10	50.00	0	96.2	0	200				
Methylene chloride	49.8	5.0	50.00	0	99.5	73.9	116				
Naphthalene	53.1	10	50.00	0	106.1	73.1	135				
n-Butylbenzene	45.4	5.0	50.00	0	90.9	0	200				
n-Hexane	45.0	20.0	50.00	0	89.9	0	200				
Nitrobenzene	869	100	500.0	0	173.8	0	200				
n-Propylbenzene	44.8	5.0	50.00	0	89.6	0	200				
o-Xylene	44.1	5.0	50.00	0	88.2	82	117				
Pentachloroethane	46.0	5.0	50.00	0	92.0	0	200				
p-Isopropyltoluene	46.9	5.0	50.00	0	93.9	0	200				
Propionitrile	470	50.0	500.0	0	94.0	0	200				
sec-Butylbenzene	46.2	5.0	50.00	0	92.4	0	200				
Styrene	44.6	5.0	50.00	0	89.2	0	200				
tert-Butylbenzene	45.7	5.0	50.00	0	91.4	0	200				
Tetrachloroethene	47.0	5.0	50.00	0	94.1	74.6	115				
Tetrahydrofuran	46	50.0	50.00	0	91.6	0	200				J
Toluene	44.6	5.0	50.00	0	89.3	79.1	112				
trans-1,2-Dichloroethene	51.0	5.0	50.00	0	102.0	0	200				
trans-1,3-Dichloropropene	46.4	4.0	50.00	0	92.8	0	200				
Trichloroethene	50.2	5.0	50.00	0	100.5	81	111				
Trichlorofluoromethane	49.6	5.0	50.00	0	99.2	0	200				
Vinyl acetate	47	50.0	50.00	0	94.1	0	200				J
Vinyl chloride	48.3	2.0	50.00	0	96.7	0	200				
Surr: 1,2-Dichloroethane-d4	50.2		50.00		100.4	72.2	131				
Surr: 4-Bromofluorobenzene	49.2		50.00		98.5	82.1	116				
Surr: Dibromofluoromethane	53.5		50.00		107.0	77.7	120				
Surr: Toluene-d8	48.0		50.00		95.9	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142960</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64608</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804002</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142960</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64608</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804002</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 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142960</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64608</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804002</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	1.6	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	52.4		50.00		104.9	72.2	131				
Surr: 4-Bromofluorobenzene	49.8		50.00		99.5	82.1	116				
Surr: Dibromofluoromethane	54.0		50.00		108.0	77.7	120				
Surr: Toluene-d8	48.5		50.00		97.0	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-G101124-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142960</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64608</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804003</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	45.7	5.0	50.00	0	91.3	0	200	47.69	4.35	20	
1,1,1-Trichloroethane	50.1	5.0	50.00	0	100.2	85.6	124	51.25	2.25	20	
1,1,2,2-Tetrachloroethane	47.7	5.0	50.00	0	95.5	0	200	47.08	1.37	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	53.7	5.0	50.00	0	107.3	0	200	51.89	3.37	20	
1,1,2-Trichloroethane	46.1	5.0	50.00	0	92.2	0	200	46.66	1.25	20	
1,1-Dichloro-2-propanone	141	50.0	125.0	0	112.8	0	200	128.3	9.43	20	
1,1-Dichloroethane	48.8	5.0	50.00	0	97.6	0	200	49.49	1.42	20	
1,1-Dichloroethene	49.4	5.0	50.00	0	98.9	60.1	131	49.77	0.645	20	
1,1-Dichloropropene	49.2	5.0	50.00	0	98.4	0	200	48.89	0.591	20	
1,2,3-Trichlorobenzene	51.6	5.0	50.00	0	103.3	0	200	49.82	3.59	20	
1,2,3-Trichloropropane	48.2	10	50.00	0	96.5	0	200	47.90	0.728	20	
1,2,3-Trimethylbenzene	46.1	5.0	50.00	0	92.3	0	200	46.62	1.03	20	
1,2,4-Trichlorobenzene	53.6	5.0	50.00	0	107.1	0	200	48.82	9.26	20	
1,2,4-Trimethylbenzene	46.8	5.0	50.00	0	93.7	0	200	46.32	1.14	20	
1,2-Dibromo-3-chloropropane	47.0	5.0	50.00	0	94.0	0	200	48.38	2.85	20	
1,2-Dibromoethane	47.3	5.0	50.00	0	94.6	86.9	119	48.19	1.84	20	
1,2-Dichlorobenzene	46.3	5.0	50.00	0	92.6	88	119	46.10	0.390	20	
1,2-Dichloroethane	50.7	5.0	50.00	0	101.4	73	117	51.63	1.86	20	
1,2-Dichloropropane	47.8	5.0	50.00	0	95.7	0	200	48.75	1.91	20	
1,3,5-Trimethylbenzene	46.5	5.0	50.00	0	92.9	0	200	46.63	0.365	20	
1,3-Dichlorobenzene	46.8	5.0	50.00	0	93.5	85.8	125	45.51	2.71	20	
1,3-Dichloropropane	45.0	5.0	50.00	0	89.9	0	200	45.99	2.24	20	
1,4-Dichlorobenzene	45.8	5.0	50.00	0	91.6	84.5	124	44.38	3.13	20	
1-Chlorobutane	45.4	5.0	50.00	0	90.7	0	200	45.83	1.03	20	
2,2-Dichloropropane	48.7	5.0	50.00	0	97.4	0	200	48.81	0.205	20	
2-Butanone	137	50.0	125.0	0	109.7	45.3	136	135.6	1.11	20	
2-Chlorotoluene	45.4	5.0	50.00	0	90.8	0	200	44.78	1.35	20	
2-Hexanone	120	50.0	125.0	0	96.2	0	200	120.2	0.0582	20	
2-Nitropropane	554	50.0	500.0	0	110.9	0	200	540.8	2.46	20	
4-Chlorotoluene	46.1	5.0	50.00	0	92.2	0	200	44.91	2.66	20	
4-Methyl-2-pentanone	125	50.0	125.0	0	100.1	0	200	120.9	3.42	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-G101124-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142960</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64608</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804003</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	171	50.0	125.0	0	136.9	0	200	174.9	2.23	20	
Acrylonitrile	46.5	10	50.00	0	92.9	0	200	45.32	2.48	20	
Allyl chloride	50.9	5.0	50.00	0	101.8	0	200	50.65	0.473	20	
Benzene	46.8	1.0	50.00	0	93.7	73.9	109	47.83	2.11	20	
Bromobenzene	45.8	5.0	50.00	0	91.6	0	200	46.18	0.870	20	
Bromochloromethane	48.9	5.0	50.00	0	97.8	0	200	49.14	0.531	20	
Bromodichloromethane	49.8	5.0	50.00	0	99.5	91.3	126	51.05	2.58	20	
Bromoform	47.4	5.0	50.00	0	94.7	0	200	48.39	2.15	20	
Bromomethane	32.3	10	50.00	0	64.6	0	200	32.55	0.771	20	
Carbon disulfide	50.8	5.0	50.00	0	101.6	0	200	50.79	0.0394	20	
Carbon tetrachloride	51.4	5.0	50.00	0	102.9	83.3	127	52.47	1.98	20	
Chlorobenzene	45.5	5.0	50.00	0	90.9	85.8	116	46.21	1.61	20	
Chloroethane	47.6	10	50.00	0	95.3	0	200	48.28	1.36	20	
Chloroform	50.3	5.0	50.00	0	100.5	80	113	51.56	2.55	20	
Chloromethane	38.4	10	50.00	0	76.7	0	200	38.88	1.32	20	
cis-1,2-Dichloroethene	48.0	5.0	50.00	0	96.0	0	200	49.21	2.45	20	
cis-1,3-Dichloropropene	48.5	4.0	50.00	0	97.1	0	200	49.78	2.54	20	
Cyclohexanone	301	100	250.0	0	120.5	0	200	245.0	20.6	20	R
Dibromochloromethane	47.2	5.0	50.00	0	94.3	89.1	119	48.83	3.48	20	
Dibromomethane	49.0	5.0	50.00	0	98.0	0	200	49.85	1.68	20	
Dichlorodifluoromethane	36.6	10	50.00	0	73.3	0	200	37.62	2.67	20	
Ethyl acetate	49	50.0	50.00	0	98.2	0	200	48.04	0	20	J
Ethyl ether	51.2	5.0	50.00	0	102.3	0	200	51.48	0.643	20	
Ethyl methacrylate	43.2	5.0	50.00	0	86.3	0	200	43.23	0.185	20	
Ethylbenzene	45.1	5.0	50.00	0	90.2	84.1	115	45.39	0.641	20	
Heptane	50.5	20.0	50.00	0	101.0	0	200	41.87	18.7	20	
Hexachlorobutadiene	48.2	5.0	50.00	0	96.4	0	200	46.93	2.67	20	
Hexachloroethane	46.0	5.0	50.00	0	91.9	0	200	48.07	4.49	20	
Iodomethane	50.1	10	50.00	0	100.2	0	200	50.46	0.736	20	
Isopropylbenzene	45.3	5.0	50.00	0	90.6	0	200	45.54	0.484	20	
m,p-Xylenes	89.7	5.0	100.0	0	89.7	79.1	111	89.40	0.346	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10110915

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-G101124-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142960</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64608</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804003</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	47	50.0	50.00	0	94.5	0	200	45.86	0	20	J
Methyl Methacrylate	46.6	5.0	50.00	0	93.2	0	200	46.89	0.663	20	
Methyl tert-butyl ether	49.7	2.0	50.00	0	99.5	80	128	50.06	0.661	20	
Methylacrylate	49.0	10	50.00	0	98.0	0	200	48.09	1.83	20	
Methylene chloride	52.2	5.0	50.00	0	104.4	73.9	116	49.77	4.79	20	
Naphthalene	52.7	10	50.00	0	105.4	73.1	135	53.06	0.662	20	
n-Butylbenzene	49.3	5.0	50.00	0	98.6	0	200	45.44	8.15	20	
n-Hexane	50.9	20.0	50.00	0	101.8	0	200	44.96	12.4	20	
Nitrobenzene	870	100	500.0	0	174.1	0	200	869.0	0.161	20	
n-Propylbenzene	46.4	5.0	50.00	0	92.7	0	200	44.79	3.47	20	
o-Xylene	43.5	5.0	50.00	0	87.0	82	117	44.10	1.39	20	
Pentachloroethane	47.9	5.0	50.00	0	95.8	0	200	45.99	4.09	20	
p-Isopropyltoluene	45.7	5.0	50.00	0	91.5	0	200	46.93	2.57	20	
Propionitrile	485	50.0	500.0	0	97.1	0	200	470.2	3.18	20	
sec-Butylbenzene	46.7	5.0	50.00	0	93.4	0	200	46.18	1.10	20	
Styrene	44.1	5.0	50.00	0	88.2	0	200	44.61	1.17	20	
tert-Butylbenzene	44.5	5.0	50.00	0	89.0	0	200	45.68	2.64	20	
Tetrachloroethene	45.6	5.0	50.00	0	91.2	74.6	115	47.04	3.11	20	
Tetrahydrofuran	48	50.0	50.00	0	95.6	0	200	45.78	0	20	J
Toluene	44.0	5.0	50.00	0	87.9	79.1	112	44.64	1.53	20	
trans-1,2-Dichloroethene	51.3	5.0	50.00	0	102.6	0	200	50.98	0.587	20	
trans-1,3-Dichloropropene	45.4	4.0	50.00	0	90.7	0	200	46.39	2.22	20	
Trichloroethene	50.0	5.0	50.00	0	99.9	81	111	50.25	0.559	20	
Trichlorofluoromethane	49.7	5.0	50.00	0	99.4	0	200	49.62	0.181	20	
Vinyl acetate	50	50.0	50.00	0	99.0	0	200	47.06	0	20	J
Vinyl chloride	48.4	2.0	50.00	0	96.7	0	200	48.33	0.0827	20	
Surr: 1,2-Dichloroethane-d4	51.6		50.00		103.1	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	49.4		50.00		98.8	82.1	116		0	20	
Surr: Dibromofluoromethane	54.0		50.00		107.9	77.7	120		0	20	
Surr: Toluene-d8	48.5		50.00		97.0	86	116		0	20	



**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225/Ameren Champaign 6240908012

**Lab Order:** 10110915

**Report Date:** 13-Dec-10

Carrier: Employee

Received By: DB

Completed by:

*Marvin L. Darling II*

Reviewed by:

*Elizabeth A. Hurley*

On:

19-Nov-10

Marvin L. Darling

On:

19-Nov-10

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 1.4
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 - 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** 09954

10110915

**Project Name:** AMELLEN CHEMICAL Project Mgr.: P. Sazama  
**Project Number:** 624-0908-D12D Cost Code: J002  
**Sampler(s):** J. Crompton  
**Laboratory Name:** Teklab  
**Location:** Collinsville

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 *				
P6-HI4-W(3)	11/19/00	0710	X					6	VOCs 860 SVCS 870 SVCS 870 SIMS PCA Metals Tolu + Amethyl CYANIDE Herbicides Pesticides PCBs	10110915-cc1	
P6-HI4-W(8)	"	0720	X					6	VOCs 860 SVCS 870 SVCS 870 SIMS PCA Metals Tolu + Amethyl CYANIDE Herbicides Pesticides PCBs	-cc2	
P6-HI4-W(6)	"	0735	X					6	VOCs 860 SVCS 870 SVCS 870 SIMS PCA Metals Tolu + Amethyl CYANIDE Herbicides Pesticides PCBs	-cc3	

Laboratory Temperature upon Receipt  
1.41°C

**Samples Iced:**  Yes  No **7.1°C**

**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  Other  
 Fax and/or Mail Results to: P. Sazama and K. Hunter  
 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: *Paul Blawie*  
 Date: 11/19/00 1:43  
 Time: \_\_\_\_\_

**Received by:**  
 Signature: *DBT*  
 Date: 11/19/00 1345  
 Time: \_\_\_\_\_

December 07, 2010

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



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

**WorkOrder:** 10111017

Dear Pete Sazama:

TEKLAB, INC received 3 samples on 11/23/2010 10:27:00 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:** A831-735002-012901-225Ameren Champaign 62409080120

**Lab Order:** 10111017

**Report Date:** 07-Dec-10

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
10111017-001	P6-HI3-W (3)	5	11/22/2010 9:28:00 AM
10111017-002	P6-HI3-W (8)	5	11/22/2010 9:40:00 AM
10111017-003	P6-HI3-W (16)	5	11/22/2010 9:55:00 AM

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ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10111017

**Report Date:** 07-Dec-10

**Cooler Receipt Temp:** 1.6 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0 | LA: NELAP #166493

### 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:** 10111017

**Lab ID:** 10111017-001

**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch

**Client Sample ID:** P6-HI3-W (3)

**Collection Date:** 11/22/2010 9:28:00 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		17.4	%	1	11/23/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		82.6	%	1	11/23/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.18	mg/Kg-dry	1	11/30/2010 11:40:57 AM	JMW
Barium	NELAP	0.48		61.7	mg/Kg-dry	1	11/29/2010 11:45:42 PM	JMW
Cadmium	NELAP	0.19	J	0.18	mg/Kg-dry	1	11/29/2010 11:45:42 PM	JMW
Chromium	NELAP	0.96		14.6	mg/Kg-dry	1	12/1/2010 11:23:20 AM	JMW
Lead	NELAP	3.85		11.5	mg/Kg-dry	1	11/29/2010 11:45:42 PM	JMW
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	11/30/2010 11:40:57 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	11/29/2010 5:53:36 PM	HLR
<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	11/30/2010 9:28:00 PM	MAV
Acenaphthylene	NELAP	0.004		0.008	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004		0.004	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.080		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 9:28:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		59.5	%REC	1	11/30/2010 9:28:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		75.5	%REC	1	11/30/2010 9:28:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		65.6	%REC	1	11/30/2010 9:28:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-001  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (3)  
**Collection Date:** 11/22/2010 9:28:00 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	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.20		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
2-Chloronaphthalene	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
2-Chlorophenol	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
2-Methoxy-4-methylphenol		0.778		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
2-Methylnaphthalene	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
2-Nitroaniline	NELAP	1.20		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
2-Nitrophenol	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
3-Nitroaniline	NELAP	1.20		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.20		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
4-Chloroaniline	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
4-Nitroaniline	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
4-Nitrophenol	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Aniline	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Azobenzene		0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Benzidine	NELAP	1.26		see note	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Benzoic acid	NELAP	1.80		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Benzyl alcohol	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Carbazole		0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Dibenzofuran	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Diethyl phthalate	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Dimethyl phthalate	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Hexachlorobenzene	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-001  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (3)  
**Collection Date:** 11/22/2010 9:28:00 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	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Hexachloroethane	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Isophorone	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
m,p-Cresol	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Nitrobenzene	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
o-Cresol	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Pentachlorophenol	NELAP	2.40		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Phenol	NELAP	0.419		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Pyridine	NELAP	0.599		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
1,2-Diphenylhydrazine		1.01		ND	mg/Kg-dry	1	12/3/2010 10:53:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		110.4	%REC	1	12/3/2010 10:53:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		86.4	%REC	1	12/3/2010 10:53:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		88.6	%REC	1	12/3/2010 10:53:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		76.5	%REC	1	12/3/2010 10:53:00 PM	DMH
Surr: Phenol-d5		34.9-110		93.0	%REC	1	12/3/2010 10:53:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		92.9	%REC	1	12/3/2010 10:53:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,1,1-Trichloroethane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,1,2-Trichloroethane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,1-Dichloro-2-propanone		27.9		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,1-Dichloroethane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,1-Dichloroethene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,1-Dichloropropene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,2,3-Trichloropropane	NELAP	5.6		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,2,3-Trimethylbenzene		2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,2-Dibromoethane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,2-Dichlorobenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-001  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (3)  
**Collection Date:** 11/22/2010 9:28:00 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	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,2-Dichloropropane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,3-Dichlorobenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,3-Dichloropropane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1,4-Dichlorobenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
1-Chlorobutane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
2,2-Dichloropropane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
2-Butanone	NELAP	27.9		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
2-Chlorotoluene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
2-Hexanone	NELAP	27.9		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
2-Nitropropane	NELAP	27.9		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
4-Chlorotoluene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
4-Methyl-2-pentanone	NELAP	27.9		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Acetone	NELAP	27.9	J	7.1	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Acrolein	NELAP	55.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Acrylonitrile	NELAP	5.6		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Allyl chloride	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Benzene	NELAP	0.6		1.5	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Bromobenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Bromochloromethane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Bromodichloromethane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Bromoform	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Bromomethane	NELAP	5.6		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Carbon disulfide	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Carbon tetrachloride	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Chlorobenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Chloroethane	NELAP	5.6		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Chloroform	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Chloromethane	NELAP	5.6		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	2.2		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Cyclohexanone		55.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Dibromochloromethane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Dibromomethane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Dichlorodifluoromethane	NELAP	5.6		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Ethyl acetate	NELAP	27.9		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Ethyl ether	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-001  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (3)  
**Collection Date:** 11/22/2010 9:28:00 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	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Ethylbenzene	NELAP	2.8	J	0.8	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Heptane		11.2	J	2.4	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Hexachlorobutadiene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Hexachloroethane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Iodomethane	NELAP	5.6		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Isopropylbenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
m,p-Xylenes	NELAP	2.8	J	1.4	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Methacrylonitrile	NELAP	27.9		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Methyl Methacrylate	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Methyl tert-butyl ether	NELAP	1.1		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Methylacrylate		5.6		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Methylene chloride	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Naphthalene	NELAP	5.6		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
n-Butylbenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
n-Hexane		11.2	J	4.6	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Nitrobenzene	NELAP	55.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
n-Propylbenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
o-Xylene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Pentachloroethane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
p-Isopropyltoluene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Propionitrile	NELAP	27.9		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
sec-Butylbenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Styrene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
tert-Butylbenzene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Tetrachloroethene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Tetrahydrofuran	NELAP	27.9		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Toluene	NELAP	2.8	J	2.4	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	2.2		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Trichloroethene	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Trichlorofluoromethane	NELAP	2.8		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Vinyl acetate	NELAP	27.9		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Vinyl chloride	NELAP	1.1		ND	µg/Kg-dry	1	11/29/2010 3:25:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		109.2	%REC	1	11/29/2010 3:25:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		95.1	%REC	1	11/29/2010 3:25:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		109.4	%REC	1	11/29/2010 3:25:00 PM	RWE
Surr: Toluene-d8		86-116		99.7	%REC	1	11/29/2010 3:25:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-001  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (3)  
**Collection Date:** 11/22/2010 9:28:00 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>0.015</b>	mg/Kg-dry	1	11/24/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		2.42	J	<b>1.4</b>	mg/Kg-dry	4	11/30/2010 10:47:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	2.42		<b>3.66</b>	mg/Kg-dry	4	12/1/2010 11:27:00 AM	KNS

### Sample Narrative

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

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

Hexachlorobenzene was outside upper LCS QC limits. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-002  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (8)  
**Collection Date:** 11/22/2010 9:40:00 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		13.9	%	1	11/23/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		86.1	%	1	11/23/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.05	mg/Kg-dry	1	11/30/2010 12:02:03 AM	JMW
Barium	NELAP	0.48		68.3	mg/Kg-dry	1	11/30/2010 12:02:03 AM	JMW
Cadmium	NELAP	0.19	J	0.12	mg/Kg-dry	1	11/30/2010 12:02:03 AM	JMW
Chromium	NELAP	0.96		17.2	mg/Kg-dry	1	12/1/2010 11:31:28 AM	JMW
Lead	NELAP	3.85		11.7	mg/Kg-dry	1	11/30/2010 12:02:03 AM	JMW
Silver	NELAP	0.53		1.07	mg/Kg-dry	1	11/30/2010 11:14:05 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	< 0.577	mg/Kg-dry	1	11/29/2010 6:07:52 PM	HLR
<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	11/30/2010 10:03:00 PM	MAV
Acenaphthylene	NELAP	0.004		0.012	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004		0.004	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.012	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.009	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004	J	0.004	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.077		ND	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Chrysene	NELAP	0.004		0.004	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Fluoranthene	NELAP	0.004	J	0.004	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Naphthalene	NELAP	0.004		0.004	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Phenanthrene	NELAP	0.004		0.004	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	11/30/2010 10:03:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		57.7	%REC	1	11/30/2010 10:03:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		72.8	%REC	1	11/30/2010 10:03:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		70.9	%REC	1	11/30/2010 10:03:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-002  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (8)  
**Collection Date:** 11/22/2010 9:40:00 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	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.16		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
2-Chloronaphthalene	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
2-Chlorophenol	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
2-Methoxy-4-methylphenol		0.751		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
2-Methylnaphthalene	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
2-Nitroaniline	NELAP	1.16		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
2-Nitrophenol	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
3-Nitroaniline	NELAP	1.16		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.16		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
4-Chloroaniline	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
4-Nitroaniline	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
4-Nitrophenol	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Aniline	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Azobenzene		0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Benzidine	NELAP	1.22		see note	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Benzoic acid	NELAP	1.73		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Benzyl alcohol	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Carbazole		0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Dibenzofuran	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Diethyl phthalate	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Dimethyl phthalate	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Hexachlorobenzene	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-002  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (8)  
**Collection Date:** 11/22/2010 9:40:00 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	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Hexachloroethane	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Isophorone	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
m,p-Cresol	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Nitrobenzene	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
o-Cresol	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Pentachlorophenol	NELAP	2.31		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Phenol	NELAP	0.404		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Pyridine	NELAP	0.578		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
1,2-Diphenylhydrazine		0.971		ND	mg/Kg-dry	1	12/5/2010 9:24:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		82.6	%REC	1	12/5/2010 9:24:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		77.3	%REC	1	12/5/2010 9:24:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		74.9	%REC	1	12/5/2010 9:24:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		75.9	%REC	1	12/5/2010 9:24:00 PM	DMH
Surr: Phenol-d5		34.9-110		75.8	%REC	1	12/5/2010 9:24:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		85.1	%REC	1	12/5/2010 9:24:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,1-Dichloro-2-propanone		44.5		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,1-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,1-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,1-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,2,3-Trichloropropane	NELAP	8.9		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,2,3-Trimethylbenzene		4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,2-Dibromoethane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-002  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (8)  
**Collection Date:** 11/22/2010 9:40:00 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	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,3-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
1-Chlorobutane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
2,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
2-Butanone	NELAP	44.5		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
2-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
2-Hexanone	NELAP	44.5		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
2-Nitropropane	NELAP	44.5		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
4-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
4-Methyl-2-pentanone	NELAP	44.5		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Acetone	NELAP	44.5	J	22	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Acrolein	NELAP	88.9		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Acrylonitrile	NELAP	8.9		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Allyl chloride	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Benzene	NELAP	0.9		2.6	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Bromobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Bromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Bromodichloromethane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Bromoform	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Bromomethane	NELAP	8.9		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Carbon disulfide	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Carbon tetrachloride	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Chlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Chloroethane	NELAP	8.9		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Chloroform	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Chloromethane	NELAP	8.9	J	5.7	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3.6		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Cyclohexanone		88.9		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Dibromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Dibromomethane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Dichlorodifluoromethane	NELAP	8.9		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Ethyl acetate	NELAP	44.5		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Ethyl ether	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-002  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (8)  
**Collection Date:** 11/22/2010 9:40:00 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	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Ethylbenzene	NELAP	4.4	J	3.1	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Heptane		17.8	J	3.9	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Hexachlorobutadiene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Hexachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Iodomethane	NELAP	8.9		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Isopropylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
m,p-Xylenes	NELAP	4.4		9.7	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Methacrylonitrile	NELAP	44.5		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Methyl Methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Methyl tert-butyl ether	NELAP	1.8		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Methylacrylate		8.9		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Methylene chloride	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Naphthalene	NELAP	8.9		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
n-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
n-Hexane		17.8	J	7.4	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Nitrobenzene	NELAP	88.9		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
n-Propylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
o-Xylene	NELAP	4.4	J	2.2	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Pentachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
p-Isopropyltoluene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Propionitrile	NELAP	44.5		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
sec-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Styrene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
tert-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Tetrachloroethene	NELAP	4.4	J	0.9	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Tetrahydrofuran	NELAP	44.5		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Toluene	NELAP	4.4		5.7	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3.6		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Trichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Trichlorofluoromethane	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Vinyl acetate	NELAP	44.5		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Vinyl chloride	NELAP	1.8		ND	µg/Kg-dry	1	11/29/2010 3:54:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		109.4	%REC	1	11/29/2010 3:54:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		92.9	%REC	1	11/29/2010 3:54:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		109.9	%REC	1	11/29/2010 3:54:00 PM	RWE
Surr: Toluene-d8		86-116		99.8	%REC	1	11/29/2010 3:54:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10111017

**Lab ID:** 10111017-002

**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch

**Client Sample ID:** P6-HI3-W (8)

**Collection Date:** 11/22/2010 9:40:00 AM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		<b>0.031</b>	mg/Kg-dry	1	11/24/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.581		<b>&lt; 0.581</b>	mg/Kg-dry	1	11/30/2010 10:47:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.58		<b>&lt; 0.58</b>	mg/Kg-dry	1	11/30/2010 10:47:00 AM	KNS

### Sample Narrative

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

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

Hexachlorobenzene was outside upper QC limits in the LCS. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-003  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (16)  
**Collection Date:** 11/22/2010 9:55:00 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		10.9	%	1	11/23/2010 2:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.1	%	1	11/23/2010 2:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		2.43	mg/Kg-dry	1	11/30/2010 12:07:39 AM	JMW
Barium	NELAP	0.48		16.3	mg/Kg-dry	1	11/30/2010 12:07:39 AM	JMW
Cadmium	NELAP	0.19	J	0.10	mg/Kg-dry	1	11/30/2010 12:07:39 AM	JMW
Chromium	NELAP	0.96		13.6	mg/Kg-dry	1	12/1/2010 11:34:11 AM	JMW
Lead	NELAP	3.85		10.3	mg/Kg-dry	1	11/30/2010 12:07:39 AM	JMW
Silver	NELAP	0.53		0.82	mg/Kg-dry	1	11/30/2010 11:16:19 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	11/29/2010 6:12:38 PM	HLR
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.007		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Acenaphthylene	NELAP	0.007		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Anthracene	NELAP	0.007		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Benzo(a)anthracene	NELAP	0.007		0.008	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Benzo(a)pyrene	NELAP	0.007		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.007		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.007		0.010	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.007		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.148		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Chrysene	NELAP	0.007		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.007		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Fluoranthene	NELAP	0.007		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Fluorene	NELAP	0.007		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.007		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Naphthalene	NELAP	0.007		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Phenanthrene	NELAP	0.007		0.023	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Pyrene	NELAP	0.007		ND	mg/Kg-dry	1	11/30/2010 10:38:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		58.7	%REC	1	11/30/2010 10:38:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		73.8	%REC	1	11/30/2010 10:38:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		62.9	%REC	1	11/30/2010 10:38:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
1,2-Dichlorobenzene	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
1,3-Dichlorobenzene	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
1,4-Dichlorobenzene	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-003  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (16)  
**Collection Date:** 11/22/2010 9:55:00 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>								
2,4,5-Trichlorophenol	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
2,4-Dichlorophenol	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
2,4-Dimethylphenol	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
2,4-Dinitrophenol	NELAP	2.20		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
2-Chloronaphthalene	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
2-Chlorophenol	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
2-Methoxy-4-methylphenol		1.43		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
2-Methylnaphthalene	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
2-Nitroaniline	NELAP	2.20		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
2-Nitrophenol	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
3-Nitroaniline	NELAP	2.20		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.20		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
4-Chloroaniline	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
4-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
4-Nitrophenol	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Aniline	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Azobenzene		0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Benzidine	NELAP	2.33		see note	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Benzoic acid	NELAP	3.31		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Benzyl alcohol	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Carbazole		1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Dibenzofuran	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Diethyl phthalate	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Dimethyl phthalate	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Hexachlorobenzene	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10111017

**Client Sample ID:** P6-HI3-W (16)

**Lab ID:** 10111017-003

**Collection Date:** 11/22/2010 9:55:00 AM

**Report Date:** 07-Dec-10

**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	1	12/5/2010 9:56:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Hexachloroethane	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Isophorone	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
m,p-Cresol	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Nitrobenzene	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
N-Nitrosodimethylamine	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
o-Cresol	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Pentachlorophenol	NELAP	4.41		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Phenol	NELAP	0.772		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Pyridine	NELAP	1.10		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
1,2-Diphenylhydrazine		1.85		ND	mg/Kg-dry	1	12/5/2010 9:56:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		59.9	%REC	1	12/5/2010 9:56:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		82.1	%REC	1	12/5/2010 9:56:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		74.5	%REC	1	12/5/2010 9:56:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		78.1	%REC	1	12/5/2010 9:56:00 PM	DMH
Surr: Phenol-d5		34.9-110		76.8	%REC	1	12/5/2010 9:56:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		88.7	%REC	1	12/5/2010 9:56:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,1,1-Trichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,1,2-Trichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,1-Dichloro-2-propanone		1040		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,1-Dichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,1-Dichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,1-Dichloropropene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,2,3-Trichloropropane	NELAP	208		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,2,3-Trimethylbenzene		104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,2-Dibromoethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,2-Dichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-003  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (16)  
**Collection Date:** 11/22/2010 9:55:00 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>								
1,2-Dichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,2-Dichloropropane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,3-Dichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,3-Dichloropropane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1,4-Dichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
1-Chlorobutane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
2,2-Dichloropropane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
2-Butanone	NELAP	1040		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
2-Chlorotoluene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
2-Hexanone	NELAP	1040		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
2-Nitropropane	NELAP	1040		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
4-Chlorotoluene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1040		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Acetone	NELAP	1040		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Acrolein	NELAP	2080		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Acrylonitrile	NELAP	208		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Allyl chloride	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Benzene	NELAP	20.8		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Bromobenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Bromochloromethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Bromodichloromethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Bromoform	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Bromomethane	NELAP	208		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Carbon disulfide	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Carbon tetrachloride	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Chlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Chloroethane	NELAP	208		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Chloroform	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Chloromethane	NELAP	208		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	83.1		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Cyclohexanone		2080		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Dibromochloromethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Dibromomethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Dichlorodifluoromethane	NELAP	208		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Ethyl acetate	NELAP	1040	J	340	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Ethyl ether	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10111017

**Client Sample ID:** P6-HI3-W (16)

**Lab ID:** 10111017-003

**Collection Date:** 11/22/2010 9:55:00 AM

**Report Date:** 07-Dec-10

**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	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Ethylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Heptane		415		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Hexachlorobutadiene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Hexachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Iodomethane	NELAP	208		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Isopropylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
m,p-Xylenes	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Methacrylonitrile	NELAP	1040		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Methyl Methacrylate	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Methyl tert-butyl ether	NELAP	41.5		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Methylacrylate		208		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Methylene chloride	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Naphthalene	NELAP	208		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
n-Butylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
n-Hexane		415		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Nitrobenzene	NELAP	2080		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
n-Propylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
o-Xylene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Pentachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
p-Isopropyltoluene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Propionitrile	NELAP	1040		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
sec-Butylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Styrene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
tert-Butylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Tetrachloroethene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Tetrahydrofuran	NELAP	1040		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Toluene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	83.1		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Trichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Trichlorofluoromethane	NELAP	104		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Vinyl acetate	NELAP	1040		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Vinyl chloride	NELAP	41.5		ND	µg/Kg-dry	12.5	11/30/2010 1:13:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		102.6	%REC	12.5	11/30/2010 1:13:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		98.9	%REC	12.5	11/30/2010 1:13:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		108.7	%REC	12.5	11/30/2010 1:13:00 PM	RWE
Surr: Toluene-d8		86-116		95.7	%REC	12.5	11/30/2010 1:13:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111017  
**Lab ID:** 10111017-003  
**Report Date:** 07-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI3-W (16)  
**Collection Date:** 11/22/2010 9:55:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.004</b>	mg/Kg-dry	1	11/24/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.561		<b>&lt; 0.561</b>	mg/Kg-dry	1	11/30/2010 10:47:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56	J	<b>0.38</b>	mg/Kg-dry	1	12/2/2010 9:07:00 AM	KNS

### Sample Narrative

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

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

Hexachlorobenzene was outside upper QC limits in the LCS. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

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

Elevated reporting limit due to sample composition.

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

RPD for Cyclohexanone was outside of QC limit in LCS/LCSD.

Elevated reporting limit due to matrix interference.

ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10111017

**Report Date:** 07-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10111017-001A	P6-HI3-W (3)	11/22/2010	Solid	SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:20 PM	11/29/2010 11:45:42 PM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:20 PM	11/30/2010 11:40:57 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:20 PM	12/1/2010 11:23:20 AM
				SW-846 3050B, Metals by GFAA	11/29/2010 9:00:00 AM	11/29/2010 5:53:36 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 3:21:58 PM	11/30/2010 9:28:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 6:33:15 PM	12/3/2010 10:53:00 PM
				SW-846 7471A	11/24/2010 10:08:30 AM	11/24/2010
10111017-001B				EPA SW846 3550C, 5035A, ASTM D2974		11/23/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/23/2010 2:00:00 PM
				SW-846 9012A		11/30/2010 10:47:00 AM
				SW-846 9012A		11/30/2010 10:47:00 AM
				SW-846 9012A (Total)		11/30/2010 10:47:00 AM
				SW-846 9012A (Total)		12/1/2010 11:27:00 AM
10111017-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 6:43:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/29/2010 3:25:00 PM
10111017-002A	P6-HI3-W (8)			SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:20 PM	11/30/2010 12:02:03 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:20 PM	11/30/2010 11:14:05 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:20 PM	12/1/2010 11:31:28 AM
				SW-846 3050B, Metals by GFAA	11/29/2010 9:00:00 AM	11/29/2010 6:07:52 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 3:21:58 PM	11/30/2010 10:03:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 6:33:15 PM	12/5/2010 9:24:00 PM
				SW-846 7471A	11/24/2010 10:08:30 AM	11/24/2010



ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10111017

**Report Date:** 07-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10111017-002B	P6-HI3-W (8)	11/22/2010	Solid	EPA SW846 3550C, 5035A, ASTM D2974		11/23/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/23/2010 2:00:00 PM
				SW-846 9012A		11/30/2010 10:47:00 AM
				SW-846 9012A (Total)		11/30/2010 10:47:00 AM
10111017-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 7:14:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/29/2010 3:54:00 PM
10111017-003A	P6-HI3-W (16)			SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:20 PM	11/30/2010 12:07:39 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:20 PM	11/30/2010 11:16:19 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:20 PM	12/1/2010 11:34:11 AM
				SW-846 3050B, Metals by GFAA	11/29/2010 9:00:00 AM	11/29/2010 6:12:38 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 3:21:58 PM	11/30/2010 10:38:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 6:33:15 PM	12/5/2010 9:56:00 PM
				SW-846 7471A	11/24/2010 10:08:30 AM	11/24/2010
10111017-003B				EPA SW846 3550C, 5035A, ASTM D2974		11/23/2010 2:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/23/2010 2:00:00 PM
				SW-846 9012A		11/30/2010 10:47:00 AM
				SW-846 9012A (Total)		11/30/2010 10:47:00 AM
				SW-846 9012A (Total)		12/2/2010 9:07:00 AM
10111017-003E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 7:45:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/29/2010 4:24:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/30/2010 1:13:00 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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MB-R143037</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>143037</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143037</b>					Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805612</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-R143037</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>143037</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143037</b>					Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805613</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.03 0.01 0.02500 0 107.1 85 115

Sample ID: <b>MB-R143120</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>143120</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143120</b>					Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807456</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-R143120</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>143120</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143120</b>					Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807457</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.03 0.01 0.02500 0 100.7 85 115

Sample ID: <b>MB-R143120</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>143120</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143120</b>					Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807458</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-R143120</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>143120</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143120</b>					Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807459</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-R143120</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>143120</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143120</b>					Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807459</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.03	0.01	0.02500	0	101.2	85	115				

Sample ID: <b>10111017-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>143162</b>				
Client ID: <b>P6-HI3-W (16)MS</b>	Batch ID: <b>R143162</b>					Analysis Date: <b>12/2/2010</b>	SeqNo: <b>2808759</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	1.63	0.56	1.404	0.3764	89.3	75	125				

Sample ID: <b>10111017-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>143162</b>				
Client ID: <b>P6-HI3-W (16)MSD</b>	Batch ID: <b>R143162</b>					Analysis Date: <b>12/2/2010</b>	SeqNo: <b>2808760</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	1.60	0.56	1.404	0.3764	87.3	75	125	1.630	1.75	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: I\_TS\_M\_MT

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-R142894</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>142894</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142894</b>		Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802405</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>142894</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142894</b>		Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802406</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>10111017-001BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>142894</b>							
Client ID: <b>P6-HI3-W (3)DUP</b>	Batch ID: <b>R142894</b>		Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802431</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	81.3	0.1						82.64	1.60	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_HG\_SOLID

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MB-64591</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142937</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64591</b>	<b>SOP 3063</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803423</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-64591</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142937</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64591</b>	<b>SOP 3063</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803424</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.237 0.010 0.2500 0 94.8 85 115

Sample ID: <b>10111017-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142937</b>							
Client ID: <b>P6-HI3-W (3)MS</b>	Batch ID: <b>64591</b>	<b>SOP 3063</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803521</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.290 0.012 0.2881 0.01498 95.4 75 125

Sample ID: <b>10111017-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142937</b>							
Client ID: <b>P6-HI3-W (3)MSD</b>	Batch ID: <b>64591</b>	<b>SOP 3063</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803522</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.269 0.012 0.2881 0.01498 88.0 75 125 0.2898 7.64 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLID\_GF

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MB-64585</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804732</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-64585</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804733</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	2.78	0.600	3.000	0	92.6	80	120			

Sample ID: <b>10111017-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>P6-HI3-W (3)MS</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804739</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	3.62	0.588	2.941	0	123.1	70	130			

Sample ID: <b>10111017-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>P6-HI3-W (3)MSD</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804740</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	3.64	0.588	2.941	0	123.8	70	130	3.622	0.560	20

Sample ID: <b>MB-64585</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143095</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806816</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-64585</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143095</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806817</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			

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLID\_GF

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-64585</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143095</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806817</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	3.02	0.600	3.000	0	100.5	80	120			



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MB-64593</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/24/2010</b>		RunNo: <b>142989</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64593</b>		<b>SOP 3032</b>		Analysis Date: <b>11/29/2010</b>		SeqNo: <b>2804822</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				
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Sample ID: <b>LCS-64593</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/24/2010</b>		RunNo: <b>142989</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64593</b>		<b>SOP 3032</b>		Analysis Date: <b>11/29/2010</b>		SeqNo: <b>2804825</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	192	2.50	200.0	0	96.1	85	115				
Barium	181	0.50	200.0	0	90.4	85	115				
Cadmium	4.70	0.20	5.000	0	94.0	85	115				
Lead	46.8	4.00	50.00	0	93.7	85	115				

Sample ID: <b>10111017-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/24/2010</b>		RunNo: <b>142989</b>			
Client ID: <b>P6-HI3-W (3)MS</b>		Batch ID: <b>64593</b>		<b>SOP 3032</b>		Analysis Date: <b>11/29/2010</b>		SeqNo: <b>2804838</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	222	0.48	192.3	61.71	83.3	75	125				
Cadmium	4.37	0.19	4.808	0.1827	87.0	75	125				
Lead	53.5	3.85	48.08	11.45	87.6	75	125				

Sample ID: <b>10111017-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/24/2010</b>		RunNo: <b>142989</b>			
Client ID: <b>P6-HI3-W (3)MSD</b>		Batch ID: <b>64593</b>		<b>SOP 3032</b>		Analysis Date: <b>11/29/2010</b>		SeqNo: <b>2804839</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	221	0.48	192.3	61.71	82.8	75	125	221.9	0.434	20	
Cadmium	4.40	0.19	4.808	0.1827	87.8	75	125	4.365	0.877	20	
Lead	53.9	3.85	48.08	11.45	88.3	75	125	53.55	0.644	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MB-64593</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143025</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805361</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Silver	< 0.55	0.55	0.5500	0	0	-100	100				
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Sample ID: <b>LCS-64593</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143025</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805362</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Silver	5.46	0.55	5.000	0	109.2	85	115				
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Sample ID: <b>MB-64593</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143027</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805420</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Silver	< 0.55	0.55	0.5500	0	0	-100	100				
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Sample ID: <b>LCS-64593</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143027</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805421</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Silver	5.51	0.55	5.000	0	110.2	85	115				
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Sample ID: <b>10111017-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143027</b>							
Client ID: <b>P6-HI3-W (3)MS</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805697</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	201	2.40	192.3	3.183	103.0	75	125				
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Silver	5.29	0.53	4.808	0	110.0	75	125				
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>10111017-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143027</b>							
Client ID: <b>P6-HI3-W (3)MSD</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805698</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	193	2.40	192.3	3.183	98.7	75	125	201.3	4.24	20	
Silver	4.86	0.53	4.808	0	101.0	75	125	5.288	8.53	20	

Sample ID: <b>MB-64593</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143076</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806664</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	0.62	1.00	1.000	0	62.0	-100	100				J

Sample ID: <b>LCS-64593</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143076</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806665</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	19.9	1.00	20.00	0	99.3	85	115				

Sample ID: <b>10111017-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143076</b>							
Client ID: <b>P6-HI3-W (3)MS</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806679</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	33.1	0.96	19.23	14.59	96.0	75	125				

Sample ID: <b>10111017-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143076</b>							
Client ID: <b>P6-HI3-W (3)MSD</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806680</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	33.2	0.96	19.23	14.59	96.9	75	125	33.06	0.493	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MB-64593</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143076</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806877</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-64593</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143076</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806878</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	50.9	4.00	50.00	0	101.7	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MB-64630</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143237</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64630</b>	<b>SW3550B</b>	Analysis Date: <b>12/3/2010</b>	SeqNo: <b>2810417</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	0.034									
Acenaphthylene	ND	0.034									
Aniline	ND	0.500									
Anthracene	ND	0.034									
Azobenzene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MB-64630</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143237</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64630</b>	<b>SW3550B</b>	Analysis Date: <b>12/3/2010</b>	SeqNo: <b>2810417</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	0.034									
Benzo(a)pyrene	ND	0.034									
Benzo(b)fluoranthene	ND	0.034									
Benzo(g,h,i)perylene	ND	0.034									
Benzo(k)fluoranthene	ND	0.034									
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	0.034									
Dibenzo(a,h)anthracene	ND	0.034									
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	0.034									
Fluorene	ND	0.034									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.034									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.034									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MB-64630</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143237</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64630</b>	<b>SW3550B</b>	Analysis Date: <b>12/3/2010</b>	SeqNo: <b>2810417</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	0.034									
Phenol	ND	0.350									
Pyrene	ND	0.034									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.75		1.670		105.0	52.1	113				
Surr: 2-Fluorobiphenyl	0.666		0.8350		79.8	46.3	106				
Surr: 2-Fluorophenol	1.26		1.670		75.6	50.6	89				
Surr: Nitrobenzene-d5	0.546		0.8350		65.4	42.4	99.2				
Surr: Phenol-d5	1.36		1.670		81.4	55.9	98.5				
Surr: p-Terphenyl-d14	0.780		0.8350		93.5	45.5	115				

Sample ID: <b>LCS-64630</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143237</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64630</b>	<b>SW3550B</b>	Analysis Date: <b>12/3/2010</b>	SeqNo: <b>2810418</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.35	0.500	1.670	0	81.0	43.9	92.2				
1,4-Dichlorobenzene	1.30	0.500	1.670	0	77.8	43.8	84.1				
2,4,5-Trichlorophenol	3.15	0.350	3.330	0	94.6	38.6	123				
2,4,6-Trichlorophenol	3.03	0.350	3.330	0	90.9	35.9	123				
2,4-Dimethylphenol	2.13	0.500	3.330	0	63.9	38.3	88				
2,4-Dinitrophenol	2.76	1.00	3.330	0	83.0	1.88	162				
2,4-Dinitrotoluene	1.44	0.350	1.670	0	86.3	48.6	102				
2-Chlorophenol	2.59	0.500	3.330	0	77.9	46.6	84				
4-Chloro-3-methylphenol	2.60	0.500	3.330	0	78.0	51.5	94.9				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-64630</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>					Prep Date: <b>11/29/2010</b>	RunNo: <b>143237</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64630</b>	<b>SW3550B</b>					Analysis Date: <b>12/3/2010</b>	SeqNo: <b>2810418</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	2.55	0.350	3.330	0	76.6	53.2	104				
Acenaphthene	1.21	0.034	1.670	0	72.5	50.8	113				
Acenaphthylene	1.48	0.034	1.670	0	88.4	52.8	121				
Anthracene	1.30	0.034	1.670	0	77.9	53.3	115				
Benzo(a)anthracene	1.38	0.034	1.670	0	82.6	62.3	110				
Benzo(a)pyrene	1.33	0.034	1.670	0	79.9	58.2	109				
Benzo(b)fluoranthene	1.38	0.034	1.670	0	82.7	51.8	107				
Benzo(g,h,i)perylene	1.40	0.034	1.670	0	84.1	49.6	121				
Benzo(k)fluoranthene	1.39	0.034	1.670	0	83.5	63.1	129				
Bis(2-ethylhexyl)phthalate	1.24	0.350	1.670	0	74.3	56.3	109				
Chrysene	2.08	0.034	1.670	0	124.4	58.4	115				S
Dibenzo(a,h)anthracene	1.46	0.034	1.670	0	87.2	54.9	120				
Diethyl phthalate	2.55	0.500	3.330	0	76.5	51.7	106				
Dimethyl phthalate	2.63	0.350	3.330	0	79.1	58.8	104				
Di-n-butyl phthalate	1.31	0.350	1.670	0	78.4	54.3	105				
Fluoranthene	1.55	0.034	1.670	0	92.8	61.6	113				
Fluorene	1.45	0.034	1.670	0	86.9	52.2	116				
Hexachlorobenzene	3.61	0.350	3.330	0	108.5	55.9	106				S
Hexachlorobutadiene	2.77	0.500	3.330	0	83.1	35.7	100				
Hexachloroethane	2.29	0.500	3.330	0	68.7	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.37	0.034	1.670	0	81.9	52.7	115				
m,p-Cresol	1.48	0.500	1.670	0	88.9	37.6	93.7				
Naphthalene	1.34	0.034	1.670	0	80.4	45.7	101				
Nitrobenzene	2.25	0.500	3.330	0	67.5	51.8	104				
N-Nitroso-di-n-propylamine	1.49	0.500	1.670	0	89.4	49.1	94.5				
o-Cresol	1.65	0.500	1.670	0	98.5	43	101				
Pentachlorophenol	3.16	2.00	3.330	0	94.8	42.2	102				
Phenanthrene	1.46	0.034	1.670	0	87.2	52.9	113				
Phenol	2.53	0.350	3.330	0	76.0	41.6	81.3				
Pyrene	1.57	0.034	1.670	0	94.2	60.7	115				
Pyridine	2.32	0.500	3.330	0	69.7	3.61	74.3				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-64630</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143237</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64630</b>	<b>SW3550B</b>	Analysis Date: <b>12/3/2010</b>	SeqNo: <b>2810418</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1.72		1.670		102.9	52.1	113				
Surr: 2-Fluorobiphenyl	0.651		0.8350		78.0	46.3	106				
Surr: 2-Fluorophenol	1.34		1.670		80.5	50.6	89				
Surr: Nitrobenzene-d5	0.808		0.8350		96.8	42.4	99.2				
Surr: Phenol-d5	1.32		1.670		78.9	55.9	98.5				
Surr: p-Terphenyl-d14	0.732		0.8350		87.6	45.5	115				

Sample ID: <b>10111017-003AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143281</b>							
Client ID: <b>P6-HI3-W (16)MS</b>	Batch ID: <b>64630</b>	<b>SW3550B</b>	Analysis Date: <b>12/5/2010</b>	SeqNo: <b>2811637</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.99	1.10	3.686	0	81.0	35.9	102				
1,4-Dichlorobenzene	2.50	1.10	3.686	0	67.9	29.8	95.5				
2,4,5-Trichlorophenol	5.49	0.773	7.351	0	74.7	38.6	123				
2,4,6-Trichlorophenol	6.13	0.773	7.351	0	83.4	35.9	123				
2,4-Dimethylphenol	6.00	1.10	7.351	0	81.6	38.3	88				
2,4-Dinitrophenol	3.46	2.21	7.351	0	47.1	1.88	162				
2,4-Dinitrotoluene	3.16	0.773	3.686	0	85.7	37.5	107				
2-Chlorophenol	5.11	1.10	7.351	0	69.6	22.6	108				
4-Chloro-3-methylphenol	6.00	1.10	7.351	0	81.7	19.3	131				
4-Nitrophenol	5.74	0.773	7.351	0	78.1	27.6	123				
Diethyl phthalate	5.98	1.10	7.351	0	81.3	51.7	106				
Dimethyl phthalate	5.73	0.773	7.351	0	78.0	58.8	104				
Di-n-butyl phthalate	3.09	0.773	3.686	0	83.8	54.3	105				
Hexachlorobenzene	6.87	0.773	7.351	0	93.4	55.9	106				
Hexachlorobutadiene	6.03	1.10	7.351	0	82.0	35.7	100				
Hexachloroethane	4.97	1.10	7.351	0	67.6	38.9	89.9				
m,p-Cresol	2.83	1.10	3.686	0	76.9	37.6	93.7				
Nitrobenzene	5.35	1.10	7.351	0	72.7	51.8	104				
N-Nitroso-di-n-propylamine	2.77	1.10	3.686	0	75.1	45.5	99.1				
o-Cresol	2.80	1.10	3.686	0	75.9	43	101				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: 10111017-003AMS		SampType: MS		Units: mg/Kg-dry			Prep Date: 11/29/2010		RunNo: 143281		
Client ID: P6-HI3-W (16)MS		Batch ID: 64630		SW3550B			Analysis Date: 12/5/2010		SeqNo: 2811637		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	3.7	4.41	7.351	0	50.9	18.5	113				J
Phenol	5.26	0.773	7.351	0	71.6	20.8	110				
Pyridine	4.05	1.10	7.351	0	55.1	3.61	74.3				
Surr: 2,4,6-Tribromophenol	2.68		3.686		72.6	32.7	130				
Surr: 2-Fluorobiphenyl	1.25		1.843		68.1	34.1	116				
Surr: 2-Fluorophenol	2.30		3.686		62.4	30.5	99				
Surr: Nitrobenzene-d5	1.16		1.843		62.7	34.1	101				
Surr: Phenol-d5	2.54		3.686		68.9	34.9	110				
Surr: p-Terphenyl-d14	1.63		1.843		88.3	41.7	124				

Sample ID: 10111017-003AMSD		SampType: MSD		Units: mg/Kg-dry			Prep Date: 11/29/2010		RunNo: 143281		
Client ID: P6-HI3-W (16)MSD		Batch ID: 64630		SW3550B			Analysis Date: 12/5/2010		SeqNo: 2811638		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3.12	1.10	3.667	0	85.0	35.9	102	2.988	4.25	40	
1,4-Dichlorobenzene	2.68	1.10	3.667	0	73.0	29.8	95.5	2.502	6.79	40	
2,4,5-Trichlorophenol	5.27	0.769	7.312	0	72.1	38.6	123	5.493	4.14	40	
2,4,6-Trichlorophenol	5.93	0.769	7.312	0	81.1	35.9	123	6.130	3.31	40	
2,4-Dimethylphenol	6.08	1.10	7.312	0	83.2	38.3	88	6.001	1.37	40	
2,4-Dinitrophenol	3.44	2.20	7.312	0	47.0	1.88	162	3.464	0.710	40	
2,4-Dinitrotoluene	3.31	0.769	3.667	0	90.3	37.5	107	3.161	4.71	40	
2-Chlorophenol	5.25	1.10	7.312	0	71.7	22.6	108	5.113	2.57	40	
4-Chloro-3-methylphenol	6.08	1.10	7.312	0	83.1	19.3	131	6.005	1.17	40	
4-Nitrophenol	5.74	0.769	7.312	0	78.5	27.6	123	5.744	0.119	40	
Diethyl phthalate	6.17	1.10	7.312	0	84.4	51.7	106	5.977	3.21	40	
Dimethyl phthalate	5.96	0.769	7.312	0	81.4	58.8	104	5.735	3.78	40	
Di-n-butyl phthalate	3.11	0.769	3.667	0	84.8	54.3	105	3.091	0.642	40	
Hexachlorobenzene	7.05	0.769	7.312	0	96.5	55.9	106	6.868	2.67	40	
Hexachlorobutadiene	6.37	1.10	7.312	0	87.1	35.7	100	6.030	5.49	40	
Hexachloroethane	5.39	1.10	7.312	0	73.7	38.9	89.9	4.970	8.08	40	
m,p-Cresol	2.90	1.10	3.667	0	79.1	37.6	93.7	2.834	2.28	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrobenzene	5.60	1.10	7.312	0	76.5	51.8	104	5.345	4.58	40	
N-Nitroso-di-n-propylamine	2.92	1.10	3.667	0	79.5	45.5	99.1	2.769	5.19	40	
o-Cresol	2.87	1.10	3.667	0	78.4	43	101	2.796	2.72	40	
Pentachlorophenol	3.5	4.39	7.312	0	47.4	18.5	113	3.744	0	40	J
Phenol	5.43	0.769	7.312	0	74.3	20.8	110	5.264	3.12	40	
Pyridine	4.37	1.10	7.312	0	59.8	3.61	74.3	4.053	7.62	40	
Surr: 2,4,6-Tribromophenol	3.25		3.667		88.6	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	1.43		1.834		77.9	34.1	116		0	40	
Surr: 2-Fluorophenol	2.71		3.667		74.0	30.5	99		0	40	
Surr: Nitrobenzene-d5	1.36		1.834		74.3	34.1	101		0	40	
Surr: Phenol-d5	2.87		3.667		78.2	34.9	110		0	40	
Surr: p-Terphenyl-d14	1.73		1.834		94.3	41.7	124		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MB-64624</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143047</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64624</b>	<b>SW3550B</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805848</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	ND	0.030									
2-Methylnaphthalene	ND	0.003									
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									
m,p-Cresol	ND	0.010									
Naphthalene	ND	0.003									
o-Cresol	ND	0.003									
Phenanthrene	ND	0.003									
Phenol	ND	0.030									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.117		0.1670		69.9	31.6	101				
Surr: 2-Fluorophenol	0.202		0.3330		60.5	42.2	90.4				
Surr: Nitrobenzene-d5	0.105		0.1670		62.9	22.2	110				
Surr: Phenol-d5	0.226		0.3330		67.8	44.6	93.7				
Surr: p-Terphenyl-d14	0.132		0.1670		79.3	34.5	120				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: LCS-64624	SampType: LCS	Units: mg/Kg	Prep Date: 11/29/2010	RunNo: 143047							
Client ID: ZZZZZZ	Batch ID: 64624	SW3550B	Analysis Date: 11/30/2010	SeqNo: 2805849							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	0.102	0.030	0.1670	0	61.2	50	150				
2-Methylnaphthalene	0.121	0.003	0.1670	0	72.6	50	150				
Acenaphthene	0.117	0.003	0.1670	0	69.9	56.3	115				
Acenaphthylene	0.118	0.003	0.1670	0	70.4	60.3	143				
Anthracene	0.105	0.003	0.1670	0	62.7	52.1	109				
Benzo(a)anthracene	0.115	0.003	0.1670	0	68.7	52.8	112				
Benzo(a)pyrene	0.126	0.003	0.1670	0	75.2	40.8	127				
Benzo(b)fluoranthene	0.137	0.003	0.1670	0	82.1	50.1	150				
Benzo(g,h,i)perylene	0.138	0.003	0.1670	0	82.9	52.8	145				
Benzo(k)fluoranthene	0.128	0.003	0.1670	0	76.9	52	153				
Bis(2-ethylhexyl)phthalate	0.150	0.067	0.1670	0	89.8	50	150				
Chrysene	0.119	0.003	0.1670	0	71.3	60.8	128				
Dibenzo(a,h)anthracene	0.144	0.003	0.1670	0	86.0	54.9	150				
Diethyl phthalate	0.125	0.034	0.1670	0	75.0	50	150				
Dimethyl phthalate	0.133	0.034	0.1670	0	79.8	50	150				
Di-n-butyl phthalate	0.125	0.034	0.1670	0	74.7	50	150				
Fluoranthene	0.123	0.003	0.1670	0	73.7	58.7	125				
Fluorene	0.118	0.003	0.1670	0	70.8	57.8	125				
Indeno(1,2,3-cd)pyrene	0.141	0.003	0.1670	0	84.3	52	147				
m,p-Cresol	0.117	0.010	0.1670	0	69.8	50	150				
Naphthalene	0.112	0.003	0.1670	0	67.2	54.8	113				
o-Cresol	0.113	0.003	0.1670	0	67.5	50	150				
Phenanthrene	0.116	0.003	0.1670	0	69.2	60.4	121				
Phenol	0.113	0.030	0.1670	0	67.4	50	150				
Pyrene	0.124	0.003	0.1670	0	74.0	57.9	129				
Surr: 2-Fluorobiphenyl	0.113		0.1670		67.9	31.6	101				
Surr: 2-Fluorophenol	0.194		0.3330		58.2	42.2	90.4				
Surr: Nitrobenzene-d5	0.102		0.1670		60.8	22.2	110				
Surr: Phenol-d5	0.224		0.3330		67.2	44.6	93.7				
Surr: p-Terphenyl-d14	0.134		0.1670		80.2	34.5	120				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCSD-F101124-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142976</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64618</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804288</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	51.2	5.0	50.00	0	102.5	0	200	50.39	1.65	20	
1,1,1-Trichloroethane	51.8	5.0	50.00	0	103.5	85.6	124	52.88	2.16	20	
1,1,2,2-Tetrachloroethane	53.0	5.0	50.00	0	106.1	0	200	52.76	0.548	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	52.7	5.0	50.00	0	105.5	0	200	54.71	3.67	20	
1,1,2-Trichloroethane	53.5	5.0	50.00	0	106.9	0	200	52.13	2.54	20	
1,1-Dichloro-2-propanone	151	50.0	125.0	0	121.0	0	200	148.5	1.86	20	
1,1-Dichloroethane	54.3	5.0	50.00	0	108.7	0	200	55.37	1.90	20	
1,1-Dichloroethene	50.8	5.0	50.00	0	101.5	60.1	131	51.60	1.66	20	
1,1-Dichloropropene	53.0	5.0	50.00	0	106.0	0	200	54.39	2.55	20	
1,2,3-Trichlorobenzene	50.2	5.0	50.00	0	100.3	0	200	48.62	3.14	20	
1,2,3-Trichloropropane	50.8	10	50.00	0	101.6	0	200	49.90	1.75	20	
1,2,3-Trimethylbenzene	50.0	5.0	50.00	0	99.9	0	200	50.27	0.619	20	
1,2,4-Trichlorobenzene	51.4	5.0	50.00	0	102.8	0	200	51.97	1.12	20	
1,2,4-Trimethylbenzene	50.7	5.0	50.00	0	101.4	0	200	51.83	2.22	20	
1,2-Dibromo-3-chloropropane	43.7	5.0	50.00	0	87.4	0	200	41.45	5.26	20	
1,2-Dibromoethane	54.4	5.0	50.00	0	108.8	86.9	119	52.45	3.63	20	
1,2-Dichlorobenzene	51.1	5.0	50.00	0	102.2	88	119	51.47	0.682	20	
1,2-Dichloroethane	60.6	5.0	50.00	0	121.1	73	117	60.87	0.494	20	S
1,2-Dichloropropane	53.7	5.0	50.00	0	107.4	0	200	53.81	0.205	20	
1,3,5-Trimethylbenzene	48.6	5.0	50.00	0	97.2	0	200	49.90	2.64	20	
1,3-Dichlorobenzene	50.8	5.0	50.00	0	101.6	85.8	125	51.77	1.93	20	
1,3-Dichloropropane	54.0	5.0	50.00	0	107.9	0	200	52.62	2.51	20	
1,4-Dichlorobenzene	50.7	5.0	50.00	0	101.4	84.5	124	51.64	1.88	20	
1-Chlorobutane	53.1	5.0	50.00	0	106.2	0	200	55.29	4.06	20	
2,2-Dichloropropane	53.5	5.0	50.00	0	107.0	0	200	55.17	3.04	20	
2-Butanone	140	50.0	125.0	0	111.8	45.3	136	134.5	3.87	20	
2-Chlorotoluene	50.3	5.0	50.00	0	100.5	0	200	51.45	2.34	20	
2-Hexanone	142	50.0	125.0	0	113.9	0	200	97.59	37.3	20	R
2-Nitropropane	477	50.0	500.0	0	95.5	0	200	409.0	15.4	20	
4-Chlorotoluene	49.6	5.0	50.00	0	99.2	0	200	50.99	2.80	20	
4-Methyl-2-pentanone	147	50.0	125.0	0	117.5	0	200	121.6	18.8	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCSD-F101124-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>					Prep Date: <b>11/24/2010</b>	RunNo: <b>142976</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64618</b>	<b>SW5035</b>					Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804288</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	366	50.0	125.0	0	293.1	0	200	275.8	28.2	20	SR
Acrylonitrile	56.0	10	50.00	0	112.1	0	200	53.19	5.24	20	
Allyl chloride	57.8	5.0	50.00	0	115.7	0	200	60.53	4.55	20	
Benzene	53.1	1.0	50.00	0	106.2	73.9	109	53.65	1.01	20	
Bromobenzene	51.7	5.0	50.00	0	103.4	0	200	52.43	1.38	20	
Bromochloromethane	56.0	5.0	50.00	0	112.0	0	200	56.38	0.694	20	
Bromodichloromethane	52.3	5.0	50.00	0	104.6	91.3	126	52.07	0.422	20	
Bromoform	45.8	5.0	50.00	0	91.7	0	200	44.16	3.73	20	
Bromomethane	30.8	10	50.00	0	61.7	0	200	30.57	0.912	20	
Carbon disulfide	51.2	5.0	50.00	0	102.5	0	200	52.09	1.66	20	
Carbon tetrachloride	53.8	5.0	50.00	0	107.5	83.3	127	54.65	1.64	20	
Chlorobenzene	52.5	5.0	50.00	0	105.0	85.8	116	52.06	0.842	20	
Chloroethane	52.5	10	50.00	0	105.1	0	200	52.42	0.210	20	
Chloroform	55.9	5.0	50.00	0	111.7	80	113	56.35	0.855	20	
Chloromethane	51.6	10	50.00	0	103.2	0	200	50.69	1.78	20	
cis-1,2-Dichloroethene	50.8	5.0	50.00	0	101.7	0	200	51.66	1.58	20	
cis-1,3-Dichloropropene	51.5	4.0	50.00	0	103.0	0	200	50.93	1.07	20	
Cyclohexanone	303	100	250.0	0	121.3	0	200	217.1	33.1	20	R
Dibromochloromethane	51.3	5.0	50.00	0	102.5	89.1	119	50.46	1.59	20	
Dibromomethane	52.4	5.0	50.00	0	104.7	0	200	51.67	1.31	20	
Dichlorodifluoromethane	44.7	10	50.00	0	89.4	0	200	44.60	0.246	20	
Ethyl acetate	50.4	50.0	50.00	0	100.9	0	200	49.56	1.76	20	
Ethyl ether	52.3	5.0	50.00	0	104.5	0	200	51.67	1.14	20	
Ethyl methacrylate	51.2	5.0	50.00	0	102.4	0	200	45.64	11.5	20	
Ethylbenzene	50.1	5.0	50.00	0	100.2	84.1	115	50.46	0.676	20	
Heptane	59.7	20.0	50.00	0	119.4	0	200	58.36	2.27	20	
Hexachlorobutadiene	50.4	5.0	50.00	0	100.7	0	200	51.73	2.68	20	
Hexachloroethane	44.7	5.0	50.00	0	89.5	0	200	45.44	1.55	20	
Iodomethane	65.0	10	50.00	0	130.1	0	200	63.25	2.79	20	
Isopropylbenzene	51.3	5.0	50.00	0	102.5	0	200	50.93	0.646	20	
m,p-Xylenes	103	5.0	100.0	0	102.9	79.1	111	103.1	0.233	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCSD-F101124-1</b>		SampType: <b>LCSD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/24/2010</b>			RunNo: <b>142976</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64618</b>		<b>SW5035</b>		Analysis Date: <b>11/24/2010</b>			SeqNo: <b>2804288</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	56.3	50.0	50.00	0	112.7	0	200	53.90	4.41	20	
Methyl Methacrylate	51.0	5.0	50.00	0	101.9	0	200	48.18	5.61	20	
Methyl tert-butyl ether	56.4	2.0	50.00	0	112.8	80	128	55.88	0.926	20	
Methylacrylate	57.2	10	50.00	0	114.3	0	200	55.68	2.64	20	
Methylene chloride	53.0	5.0	50.00	0	106.1	73.9	116	51.70	2.56	20	
Naphthalene	49.5	10	50.00	0	98.9	73.1	135	45.38	8.60	20	
n-Butylbenzene	52.1	5.0	50.00	0	104.2	0	200	53.34	2.33	20	
n-Hexane	55.3	20.0	50.00	0	110.7	0	200	58.03	4.76	20	
Nitrobenzene	283	100	500.0	0	56.7	0	200	177.0	46.2	20	R
n-Propylbenzene	50.3	5.0	50.00	0	100.5	0	200	52.18	3.73	20	
o-Xylene	51.2	5.0	50.00	0	102.5	82	117	50.61	1.22	20	
Pentachloroethane	50.2	5.0	50.00	0	100.5	0	200	52.04	3.50	20	
p-Isopropyltoluene	49.8	5.0	50.00	0	99.5	0	200	50.96	2.40	20	
Propionitrile	576	50.0	500.0	0	115.2	0	200	529.9	8.30	20	
sec-Butylbenzene	50.0	5.0	50.00	0	100	0	200	51.37	2.70	20	
Styrene	51.5	5.0	50.00	0	103.1	0	200	50.80	1.43	20	
tert-Butylbenzene	49.1	5.0	50.00	0	98.2	0	200	50.09	1.98	20	
Tetrachloroethene	49.0	5.0	50.00	0	98.0	74.6	115	48.59	0.881	20	
Tetrahydrofuran	53.1	50.0	50.00	0	106.1	0	200	50.50	4.94	20	
Toluene	50.9	5.0	50.00	0	101.9	79.1	112	51.53	1.15	20	
trans-1,2-Dichloroethene	55.3	5.0	50.00	0	110.6	0	200	56.46	2.04	20	
trans-1,3-Dichloropropene	54.1	4.0	50.00	0	108.2	0	200	53.28	1.49	20	
Trichloroethene	50.4	5.0	50.00	0	100.7	81	111	51.04	1.36	20	
Trichlorofluoromethane	50.3	5.0	50.00	0	100.6	0	200	51.83	2.96	20	
Vinyl acetate	42	50.0	50.00	0	84.6	0	200	43.10	0	20	J
Vinyl chloride	61.7	2.0	50.00	0	123.4	0	200	62.17	0.775	20	
Surr: 1,2-Dichloroethane-d4	60.8		50.00		121.6	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.0		50.00		100	82.1	116		0	20	
Surr: Dibromofluoromethane	54.2		50.00		108.5	77.7	120		0	20	
Surr: Toluene-d8	52.0		50.00		104.0	86	116		0	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-F101124-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142976</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64618</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804289</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.4	5.0	50.00	0	100.8	0	200				
1,1,1-Trichloroethane	52.9	5.0	50.00	0	105.8	85.6	124				
1,1,2,2-Tetrachloroethane	52.8	5.0	50.00	0	105.5	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	54.7	5.0	50.00	0	109.4	0	200				
1,1,2-Trichloroethane	52.1	5.0	50.00	0	104.3	0	200				
1,1-Dichloro-2-propanone	148	50.0	125.0	0	118.8	0	200				
1,1-Dichloroethane	55.4	5.0	50.00	0	110.7	0	200				
1,1-Dichloroethene	51.6	5.0	50.00	0	103.2	60.1	131				
1,1-Dichloropropene	54.4	5.0	50.00	0	108.8	0	200				
1,2,3-Trichlorobenzene	48.6	5.0	50.00	0	97.2	0	200				
1,2,3-Trichloropropane	49.9	10	50.00	0	99.8	0	200				
1,2,3-Trimethylbenzene	50.3	5.0	50.00	0	100.5	0	200				
1,2,4-Trichlorobenzene	52.0	5.0	50.00	0	103.9	0	200				
1,2,4-Trimethylbenzene	51.8	5.0	50.00	0	103.7	0	200				
1,2-Dibromo-3-chloropropane	41.4	5.0	50.00	0	82.9	0	200				
1,2-Dibromoethane	52.4	5.0	50.00	0	104.9	86.9	119				
1,2-Dichlorobenzene	51.5	5.0	50.00	0	102.9	88	119				
1,2-Dichloroethane	60.9	5.0	50.00	0	121.7	73	117				S
1,2-Dichloropropane	53.8	5.0	50.00	0	107.6	0	200				
1,3,5-Trimethylbenzene	49.9	5.0	50.00	0	99.8	0	200				
1,3-Dichlorobenzene	51.8	5.0	50.00	0	103.5	85.8	125				
1,3-Dichloropropane	52.6	5.0	50.00	0	105.2	0	200				
1,4-Dichlorobenzene	51.6	5.0	50.00	0	103.3	84.5	124				
1-Chlorobutane	55.3	5.0	50.00	0	110.6	0	200				
2,2-Dichloropropane	55.2	5.0	50.00	0	110.3	0	200				
2-Butanone	134	50.0	125.0	0	107.6	45.3	136				
2-Chlorotoluene	51.4	5.0	50.00	0	102.9	0	200				
2-Hexanone	97.6	50.0	125.0	0	78.1	0	200				
2-Nitropropane	409	50.0	500.0	0	81.8	0	200				
4-Chlorotoluene	51.0	5.0	50.00	0	102.0	0	200				
4-Methyl-2-pentanone	122	50.0	125.0	0	97.2	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: LCS-F101124-1	SampType: LCS	Units: µg/Kg					Prep Date: 11/24/2010	RunNo: 142976			
Client ID: ZZZZZZ	Batch ID: 64618	SW5035					Analysis Date: 11/24/2010	SeqNo: 2804289			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	276	50.0	125.0	0	220.6	0	200				S
Acrylonitrile	53.2	10	50.00	0	106.4	0	200				
Allyl chloride	60.5	5.0	50.00	0	121.1	0	200				
Benzene	53.6	1.0	50.00	0	107.3	73.9	109				
Bromobenzene	52.4	5.0	50.00	0	104.9	0	200				
Bromochloromethane	56.4	5.0	50.00	0	112.8	0	200				
Bromodichloromethane	52.1	5.0	50.00	0	104.1	91.3	126				
Bromoform	44.2	5.0	50.00	0	88.3	0	200				
Bromomethane	30.6	10	50.00	0	61.1	0	200				
Carbon disulfide	52.1	5.0	50.00	0	104.2	0	200				
Carbon tetrachloride	54.6	5.0	50.00	0	109.3	83.3	127				
Chlorobenzene	52.1	5.0	50.00	0	104.1	85.8	116				
Chloroethane	52.4	10	50.00	0	104.8	0	200				
Chloroform	56.4	5.0	50.00	0	112.7	80	113				
Chloromethane	50.7	10	50.00	0	101.4	0	200				
cis-1,2-Dichloroethene	51.7	5.0	50.00	0	103.3	0	200				
cis-1,3-Dichloropropene	50.9	4.0	50.00	0	101.9	0	200				
Cyclohexanone	217	100	250.0	0	86.8	0	200				
Dibromochloromethane	50.5	5.0	50.00	0	100.9	89.1	119				
Dibromomethane	51.7	5.0	50.00	0	103.3	0	200				
Dichlorodifluoromethane	44.6	10	50.00	0	89.2	0	200				
Ethyl acetate	50	50.0	50.00	0	99.1	0	200				J
Ethyl ether	51.7	5.0	50.00	0	103.3	0	200				
Ethyl methacrylate	45.6	5.0	50.00	0	91.3	0	200				
Ethylbenzene	50.5	5.0	50.00	0	100.9	84.1	115				
Heptane	58.4	20.0	50.00	0	116.7	0	200				
Hexachlorobutadiene	51.7	5.0	50.00	0	103.5	0	200				
Hexachloroethane	45.4	5.0	50.00	0	90.9	0	200				
Iodomethane	63.2	10	50.00	0	126.5	0	200				
Isopropylbenzene	50.9	5.0	50.00	0	101.9	0	200				
m,p-Xylenes	103	5.0	100.0	0	103.1	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-F101124-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142976</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64618</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804289</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	53.9	50.0	50.00	0	107.8	0	200				
Methyl Methacrylate	48.2	5.0	50.00	0	96.4	0	200				
Methyl tert-butyl ether	55.9	2.0	50.00	0	111.8	80	128				
Methylacrylate	55.7	10	50.00	0	111.4	0	200				
Methylene chloride	51.7	5.0	50.00	0	103.4	73.9	116				
Naphthalene	45.4	10	50.00	0	90.8	73.1	135				
n-Butylbenzene	53.3	5.0	50.00	0	106.7	0	200				
n-Hexane	58.0	20.0	50.00	0	116.1	0	200				
Nitrobenzene	177	100	500.0	0	35.4	0	200				
n-Propylbenzene	52.2	5.0	50.00	0	104.4	0	200				
o-Xylene	50.6	5.0	50.00	0	101.2	82	117				
Pentachloroethane	52.0	5.0	50.00	0	104.1	0	200				
p-Isopropyltoluene	51.0	5.0	50.00	0	101.9	0	200				
Propionitrile	530	50.0	500.0	0	106.0	0	200				
sec-Butylbenzene	51.4	5.0	50.00	0	102.7	0	200				
Styrene	50.8	5.0	50.00	0	101.6	0	200				
tert-Butylbenzene	50.1	5.0	50.00	0	100.2	0	200				
Tetrachloroethene	48.6	5.0	50.00	0	97.2	74.6	115				
Tetrahydrofuran	50.5	50.0	50.00	0	101.0	0	200				
Toluene	51.5	5.0	50.00	0	103.1	79.1	112				
trans-1,2-Dichloroethene	56.5	5.0	50.00	0	112.9	0	200				
trans-1,3-Dichloropropene	53.3	4.0	50.00	0	106.6	0	200				
Trichloroethene	51.0	5.0	50.00	0	102.1	81	111				
Trichlorofluoromethane	51.8	5.0	50.00	0	103.7	0	200				
Vinyl acetate	43	50.0	50.00	0	86.2	0	200				J
Vinyl chloride	62.2	2.0	50.00	0	124.3	0	200				
Surr: 1,2-Dichloroethane-d4	61.0		50.00		121.9	72.2	131				
Surr: 4-Bromofluorobenzene	48.5		50.00		97.0	82.1	116				
Surr: Dibromofluoromethane	54.3		50.00		108.7	77.7	120				
Surr: Toluene-d8	51.9		50.00		103.8	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MBLK-F101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142976</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64618</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804290</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									
1,1,1,1-Trichloroethane	ND	5.0									
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1,2-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	14	50.0									J
4-Chlorotoluene	ND	5.0									
4-Methyl-2-pentanone	ND	50.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MBLK-F101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142976</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64618</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804290</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	32	50.0									J
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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MBLK-F101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142976</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64618</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804290</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	2.3	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	59.4		50.00		118.8	72.2	131				
Surr: 4-Bromofluorobenzene	47.6		50.00		95.1	82.1	116				
Surr: Dibromofluoromethane	54.2		50.00		108.5	77.7	120				
Surr: Toluene-d8	52.0		50.00		104.0	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-G101129-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>					
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>				Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804358</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	46.7	5.0	50.00	0	93.3	0	200					
1,1,1-Trichloroethane	52.4	5.0	50.00	0	104.7	85.6	124					
1,1,2,2-Tetrachloroethane	48.0	5.0	50.00	0	96.0	0	200					
1,1,2-Trichloro-1,2,2-trifluoroethane	55.3	5.0	50.00	0	110.6	0	200					
1,1,2-Trichloroethane	47.2	5.0	50.00	0	94.4	0	200					
1,1-Dichloro-2-propanone	148	50.0	125.0	0	118.1	0	200					
1,1-Dichloroethane	51.3	5.0	50.00	0	102.6	0	200					
1,1-Dichloroethene	51.2	5.0	50.00	0	102.4	60.1	131					
1,1-Dichloropropene	51.8	5.0	50.00	0	103.5	0	200					
1,2,3-Trichlorobenzene	52.3	5.0	50.00	0	104.6	0	200					
1,2,3-Trichloropropane	49.4	10	50.00	0	98.7	0	200					
1,2,3-Trimethylbenzene	47.2	5.0	50.00	0	94.5	0	200					
1,2,4-Trichlorobenzene	53.1	5.0	50.00	0	106.1	0	200					
1,2,4-Trimethylbenzene	47.1	5.0	50.00	0	94.3	0	200					
1,2-Dibromo-3-chloropropane	49.5	5.0	50.00	0	99.0	0	200					
1,2-Dibromoethane	48.8	5.0	50.00	0	97.6	86.9	119					
1,2-Dichlorobenzene	47.0	5.0	50.00	0	94.0	88	119					
1,2-Dichloroethane	52.8	5.0	50.00	0	105.7	73	117					
1,2-Dichloropropane	49.9	5.0	50.00	0	99.7	0	200					
1,3,5-Trimethylbenzene	46.9	5.0	50.00	0	93.8	0	200					
1,3-Dichlorobenzene	46.9	5.0	50.00	0	93.8	85.8	125					
1,3-Dichloropropane	45.6	5.0	50.00	0	91.3	0	200					
1,4-Dichlorobenzene	46.2	5.0	50.00	0	92.5	84.5	124					
1-Chlorobutane	45.6	5.0	50.00	0	91.2	0	200					
2,2-Dichloropropane	51.1	5.0	50.00	0	102.1	0	200					
2-Butanone	158	50.0	125.0	0	126.6	45.3	136					
2-Chlorotoluene	45.5	5.0	50.00	0	91.1	0	200					
2-Hexanone	133	50.0	125.0	0	106.7	0	200					
2-Nitropropane	589	50.0	500.0	0	117.9	0	200					
4-Chlorotoluene	46.6	5.0	50.00	0	93.3	0	200					
4-Methyl-2-pentanone	134	50.0	125.0	0	107.1	0	200					

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-G101129-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>					Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804358</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	211	50.0	125.0	0	168.7	0	200				
Acrylonitrile	50.2	10	50.00	0	100.5	0	200				
Allyl chloride	52.1	5.0	50.00	0	104.1	0	200				
Benzene	49.2	1.0	50.00	0	98.5	73.9	109				
Bromobenzene	46.0	5.0	50.00	0	92.1	0	200				
Bromochloromethane	51.2	5.0	50.00	0	102.5	0	200				
Bromodichloromethane	52.7	5.0	50.00	0	105.4	91.3	126				
Bromoform	49.0	5.0	50.00	0	98.1	0	200				
Bromomethane	36.7	10	50.00	0	73.5	0	200				
Carbon disulfide	51.7	5.0	50.00	0	103.5	0	200				
Carbon tetrachloride	54.2	5.0	50.00	0	108.4	83.3	127				
Chlorobenzene	46.3	5.0	50.00	0	92.7	85.8	116				
Chloroethane	49.1	10	50.00	0	98.2	0	200				
Chloroform	52.6	5.0	50.00	0	105.1	80	113				
Chloromethane	39.0	10	50.00	0	78.0	0	200				
cis-1,2-Dichloroethene	51.0	5.0	50.00	0	102.1	0	200				
cis-1,3-Dichloropropene	51.8	4.0	50.00	0	103.5	0	200				
Cyclohexanone	251	100	250.0	0	100.4	0	200				
Dibromochloromethane	48.4	5.0	50.00	0	96.7	89.1	119				
Dibromomethane	52.3	5.0	50.00	0	104.7	0	200				
Dichlorodifluoromethane	33.3	10	50.00	0	66.5	0	200				
Ethyl acetate	53.8	50.0	50.00	0	107.7	0	200				
Ethyl ether	53.6	5.0	50.00	0	107.2	0	200				
Ethyl methacrylate	44.3	5.0	50.00	0	88.6	0	200				
Ethylbenzene	45.9	5.0	50.00	0	91.7	84.1	115				
Heptane	53.8	20.0	50.00	0	107.5	0	200				
Hexachlorobutadiene	48.5	5.0	50.00	0	97.0	0	200				
Hexachloroethane	47.8	5.0	50.00	0	95.5	0	200				
Iodomethane	57.4	10	50.00	0	114.8	0	200				
Isopropylbenzene	46.2	5.0	50.00	0	92.4	0	200				
m,p-Xylenes	90.8	5.0	100.0	0	90.8	79.1	111				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-G101129-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>				Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804358</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50	50.0	50.00	0	99.8	0	200				J
Methyl Methacrylate	50.2	5.0	50.00	0	100.4	0	200				
Methyl tert-butyl ether	52.7	2.0	50.00	0	105.4	80	128				
Methylacrylate	52.4	10	50.00	0	104.7	0	200				
Methylene chloride	49.6	5.0	50.00	0	99.1	73.9	116				
Naphthalene	55.1	10	50.00	0	110.1	73.1	135				
n-Butylbenzene	49.1	5.0	50.00	0	98.2	0	200				
n-Hexane	52.8	20.0	50.00	0	105.6	0	200				
Nitrobenzene	968	100	500.0	0	193.6	0	200				
n-Propylbenzene	46.1	5.0	50.00	0	92.2	0	200				
o-Xylene	44.0	5.0	50.00	0	87.9	82	117				
Pentachloroethane	48.7	5.0	50.00	0	97.4	0	200				
p-Isopropyltoluene	46.2	5.0	50.00	0	92.4	0	200				
Propionitrile	523	50.0	500.0	0	104.7	0	200				
sec-Butylbenzene	47.3	5.0	50.00	0	94.6	0	200				
Styrene	45.0	5.0	50.00	0	90.0	0	200				
tert-Butylbenzene	45.6	5.0	50.00	0	91.3	0	200				
Tetrachloroethene	45.3	5.0	50.00	0	90.7	74.6	115				
Tetrahydrofuran	50.6	50.0	50.00	0	101.1	0	200				
Toluene	44.4	5.0	50.00	0	88.7	79.1	112				
trans-1,2-Dichloroethene	52.9	5.0	50.00	0	105.7	0	200				
trans-1,3-Dichloropropene	46.8	4.0	50.00	0	93.5	0	200				
Trichloroethene	53.0	5.0	50.00	0	106.0	81	111				
Trichlorofluoromethane	51.9	5.0	50.00	0	103.7	0	200				
Vinyl acetate	51.5	50.0	50.00	0	102.9	0	200				
Vinyl chloride	49.4	2.0	50.00	0	98.7	0	200				
Surr: 1,2-Dichloroethane-d4	51.7		50.00		103.5	72.2	131				
Surr: 4-Bromofluorobenzene	49.6		50.00		99.2	82.1	116				
Surr: Dibromofluoromethane	54.2		50.00		108.4	77.7	120				
Surr: Toluene-d8	46.8		50.00		93.5	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-D-G101129-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804359</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	48.5	5.0	50.00	0	97.0	0	200	46.66	3.83	20	
1,1,1-Trichloroethane	53.5	5.0	50.00	0	107.1	85.6	124	52.37	2.19	20	
1,1,2,2-Tetrachloroethane	49.0	5.0	50.00	0	97.9	0	200	48.02	1.94	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	56.4	5.0	50.00	0	112.7	0	200	55.29	1.90	20	
1,1,2-Trichloroethane	48.2	5.0	50.00	0	96.3	0	200	47.18	2.04	20	
1,1-Dichloro-2-propanone	152	50.0	125.0	0	121.8	0	200	147.6	3.09	20	
1,1-Dichloroethane	52.2	5.0	50.00	0	104.5	0	200	51.32	1.80	20	
1,1-Dichloroethene	51.5	5.0	50.00	0	103.0	60.1	131	51.18	0.604	20	
1,1-Dichloropropene	52.0	5.0	50.00	0	103.9	0	200	51.77	0.386	20	
1,2,3-Trichlorobenzene	51.0	5.0	50.00	0	102.0	0	200	52.30	2.56	20	
1,2,3-Trichloropropane	50.3	10	50.00	0	100.6	0	200	49.35	1.93	20	
1,2,3-Trimethylbenzene	47.5	5.0	50.00	0	95.1	0	200	47.25	0.612	20	
1,2,4-Trichlorobenzene	51.2	5.0	50.00	0	102.5	0	200	53.07	3.53	20	
1,2,4-Trimethylbenzene	48.1	5.0	50.00	0	96.2	0	200	47.13	2.08	20	
1,2-Dibromo-3-chloropropane	49.3	5.0	50.00	0	98.6	0	200	49.50	0.445	20	
1,2-Dibromoethane	49.6	5.0	50.00	0	99.1	86.9	119	48.82	1.52	20	
1,2-Dichlorobenzene	46.8	5.0	50.00	0	93.7	88	119	47.02	0.405	20	
1,2-Dichloroethane	53.6	5.0	50.00	0	107.2	73	117	52.84	1.43	20	
1,2-Dichloropropane	51.6	5.0	50.00	0	103.2	0	200	49.86	3.47	20	
1,3,5-Trimethylbenzene	48.0	5.0	50.00	0	96.1	0	200	46.90	2.40	20	
1,3-Dichlorobenzene	47.2	5.0	50.00	0	94.3	85.8	125	46.89	0.595	20	
1,3-Dichloropropane	47.1	5.0	50.00	0	94.1	0	200	45.65	3.04	20	
1,4-Dichlorobenzene	46.3	5.0	50.00	0	92.6	84.5	124	46.24	0.0865	20	
1-Chlorobutane	46.4	5.0	50.00	0	92.8	0	200	45.58	1.76	20	
2,2-Dichloropropane	51.6	5.0	50.00	0	103.2	0	200	51.06	1.03	20	
2-Butanone	155	50.0	125.0	0	124.2	45.3	136	158.3	1.91	20	
2-Chlorotoluene	46.2	5.0	50.00	0	92.5	0	200	45.54	1.53	20	
2-Hexanone	132	50.0	125.0	0	105.8	0	200	133.3	0.768	20	
2-Nitropropane	585	50.0	500.0	0	116.9	0	200	589.5	0.819	20	
4-Chlorotoluene	47.3	5.0	50.00	0	94.5	0	200	46.64	1.34	20	
4-Methyl-2-pentanone	133	50.0	125.0	0	106.3	0	200	133.9	0.780	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-D-G101129-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>				Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804359</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	212	50.0	125.0	0	169.6	0	200	210.9	0.539	20	
Acrylonitrile	49.0	10	50.00	0	97.9	0	200	50.24	2.56	20	
Allyl chloride	53.1	5.0	50.00	0	106.2	0	200	52.07	2.00	20	
Benzene	49.9	1.0	50.00	0	99.8	73.9	109	49.23	1.31	20	
Bromobenzene	47.1	5.0	50.00	0	94.3	0	200	46.05	2.32	20	
Bromochloromethane	51.9	5.0	50.00	0	103.9	0	200	51.25	1.34	20	
Bromodichloromethane	53.4	5.0	50.00	0	106.9	91.3	126	52.68	1.43	20	
Bromoform	50.0	5.0	50.00	0	100	0	200	49.05	1.96	20	
Bromomethane	37.2	10	50.00	0	74.5	0	200	36.73	1.38	20	
Carbon disulfide	52.6	5.0	50.00	0	105.1	0	200	51.73	1.61	20	
Carbon tetrachloride	54.8	5.0	50.00	0	109.6	83.3	127	54.18	1.12	20	
Chlorobenzene	47.2	5.0	50.00	0	94.4	85.8	116	46.34	1.82	20	
Chloroethane	49.5	10	50.00	0	99.1	0	200	49.12	0.851	20	
Chloroform	53.2	5.0	50.00	0	106.5	80	113	52.57	1.29	20	
Chloromethane	39.1	10	50.00	0	78.2	0	200	38.99	0.307	20	
cis-1,2-Dichloroethene	51.5	5.0	50.00	0	103.0	0	200	51.04	0.917	20	
cis-1,3-Dichloropropene	52.5	4.0	50.00	0	105.1	0	200	51.77	1.46	20	
Cyclohexanone	241	100	250.0	0	96.4	0	200	250.9	4.03	20	
Dibromochloromethane	49.5	5.0	50.00	0	99.1	89.1	119	48.35	2.43	20	
Dibromomethane	52.1	5.0	50.00	0	104.3	0	200	52.33	0.383	20	
Dichlorodifluoromethane	33.2	10	50.00	0	66.4	0	200	33.27	0.150	20	
Ethyl acetate	55.0	50.0	50.00	0	110.1	0	200	53.84	2.22	20	
Ethyl ether	54.0	5.0	50.00	0	107.9	0	200	53.60	0.651	20	
Ethyl methacrylate	45.0	5.0	50.00	0	89.9	0	200	44.29	1.52	20	
Ethylbenzene	46.7	5.0	50.00	0	93.4	84.1	115	45.87	1.81	20	
Heptane	53.5	20.0	50.00	0	107.0	0	200	53.76	0.485	20	
Hexachlorobutadiene	47.8	5.0	50.00	0	95.5	0	200	48.48	1.52	20	
Hexachloroethane	48.9	5.0	50.00	0	97.8	0	200	47.77	2.36	20	
Iodomethane	58.4	10	50.00	0	116.8	0	200	57.40	1.73	20	
Isopropylbenzene	46.8	5.0	50.00	0	93.6	0	200	46.22	1.23	20	
m,p-Xylenes	92.0	5.0	100.0	0	92.0	79.1	111	90.81	1.33	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCSD-G101129-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804359</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50.0	50.0	50.00	0	100	0	200	49.89	0.240	20	
Methyl Methacrylate	50.1	5.0	50.00	0	100.2	0	200	50.21	0.239	20	
Methyl tert-butyl ether	52.8	2.0	50.00	0	105.7	80	128	52.70	0.284	20	
Methylacrylate	52.2	10	50.00	0	104.4	0	200	52.35	0.268	20	
Methylene chloride	49.9	5.0	50.00	0	99.8	73.9	116	49.55	0.684	20	
Naphthalene	54.3	10	50.00	0	108.7	73.1	135	55.06	1.32	20	
n-Butylbenzene	49.1	5.0	50.00	0	98.3	0	200	49.09	0.0814	20	
n-Hexane	53.3	20.0	50.00	0	106.6	0	200	52.82	0.942	20	
Nitrobenzene	950	100	500.0	0	190.0	0	200	967.8	1.87	20	
n-Propylbenzene	46.9	5.0	50.00	0	93.7	0	200	46.11	1.61	20	
o-Xylene	44.7	5.0	50.00	0	89.4	82	117	43.95	1.67	20	
Pentachloroethane	49.8	5.0	50.00	0	99.7	0	200	48.71	2.27	20	
p-Isopropyltoluene	47.3	5.0	50.00	0	94.5	0	200	46.21	2.25	20	
Propionitrile	518	50.0	500.0	0	103.6	0	200	523.4	1.04	20	
sec-Butylbenzene	48.1	5.0	50.00	0	96.2	0	200	47.31	1.64	20	
Styrene	45.7	5.0	50.00	0	91.3	0	200	44.98	1.52	20	
tert-Butylbenzene	46.6	5.0	50.00	0	93.1	0	200	45.64	1.97	20	
Tetrachloroethene	46.7	5.0	50.00	0	93.4	74.6	115	45.33	3.00	20	
Tetrahydrofuran	50.5	50.0	50.00	0	101.0	0	200	50.55	0.0990	20	
Toluene	45.4	5.0	50.00	0	90.7	79.1	112	44.36	2.21	20	
trans-1,2-Dichloroethene	53.5	5.0	50.00	0	107.0	0	200	52.86	1.17	20	
trans-1,3-Dichloropropene	47.9	4.0	50.00	0	95.7	0	200	46.76	2.35	20	
Trichloroethene	52.9	5.0	50.00	0	105.9	81	111	53.01	0.132	20	
Trichlorofluoromethane	50.7	5.0	50.00	0	101.5	0	200	51.87	2.20	20	
Vinyl acetate	51.5	50.0	50.00	0	102.9	0	200	51.46	0	20	
Vinyl chloride	49.2	2.0	50.00	0	98.3	0	200	49.37	0.447	20	
Surr: 1,2-Dichloroethane-d4	50.8		50.00		101.7	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	49.5		50.00		98.9	82.1	116		0	20	
Surr: Dibromofluoromethane	53.9		50.00		107.7	77.7	120		0	20	
Surr: Toluene-d8	47.4		50.00		94.7	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MBLK-G101129-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804360</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MBLK-G101129-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804360</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MBLK-G101129-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804360</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	52.6		50.00		105.3	72.2	131				
Surr: 4-Bromofluorobenzene	50.4		50.00		100.9	82.1	116				
Surr: Dibromofluoromethane	53.4		50.00		106.8	77.7	120				
Surr: Toluene-d8	48.0		50.00		96.0	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-G101130-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/30/2010</b>	RunNo: <b>143066</b>					
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64663</b>	<b>SW5035</b>				Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806284</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	47.3	5.0	50.00	0	94.6	0	200					
1,1,1-Trichloroethane	53.7	5.0	50.00	0	107.4	85.6	124					
1,1,2,2-Tetrachloroethane	49.0	5.0	50.00	0	97.9	0	200					
1,1,2-Trichloro-1,2,2-trifluoroethane	56.0	5.0	50.00	0	111.9	0	200					
1,1,2-Trichloroethane	47.4	5.0	50.00	0	94.9	0	200					
1,1-Dichloro-2-propanone	149	50.0	125.0	0	119.3	0	200					
1,1-Dichloroethane	53.2	5.0	50.00	0	106.4	0	200					
1,1-Dichloroethene	51.4	5.0	50.00	0	102.9	60.1	131					
1,1-Dichloropropene	52.8	5.0	50.00	0	105.6	0	200					
1,2,3-Trichlorobenzene	53.0	5.0	50.00	0	106.0	0	200					
1,2,3-Trichloropropane	49.8	10	50.00	0	99.7	0	200					
1,2,3-Trimethylbenzene	47.9	5.0	50.00	0	95.8	0	200					
1,2,4-Trichlorobenzene	54.7	5.0	50.00	0	109.3	0	200					
1,2,4-Trimethylbenzene	48.7	5.0	50.00	0	97.4	0	200					
1,2-Dibromo-3-chloropropane	47.6	5.0	50.00	0	95.3	0	200					
1,2-Dibromoethane	48.7	5.0	50.00	0	97.3	86.9	119					
1,2-Dichlorobenzene	47.4	5.0	50.00	0	94.7	88	119					
1,2-Dichloroethane	54.8	5.0	50.00	0	109.6	73	117					
1,2-Dichloropropane	51.7	5.0	50.00	0	103.3	0	200					
1,3,5-Trimethylbenzene	48.1	5.0	50.00	0	96.2	0	200					
1,3-Dichlorobenzene	48.1	5.0	50.00	0	96.1	85.8	125					
1,3-Dichloropropane	46.9	5.0	50.00	0	93.8	0	200					
1,4-Dichlorobenzene	47.2	5.0	50.00	0	94.5	84.5	124					
1-Chlorobutane	47.4	5.0	50.00	0	94.8	0	200					
2,2-Dichloropropane	52.0	5.0	50.00	0	103.9	0	200					
2-Butanone	164	50.0	125.0	0	130.8	45.3	136					
2-Chlorotoluene	47.3	5.0	50.00	0	94.6	0	200					
2-Hexanone	136	50.0	125.0	0	108.9	0	200					
2-Nitropropane	600	50.0	500.0	0	120.0	0	200					
4-Chlorotoluene	48.1	5.0	50.00	0	96.2	0	200					
4-Methyl-2-pentanone	137	50.0	125.0	0	109.7	0	200					



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-G101130-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>11/30/2010</b>	RunNo: <b>143066</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64663</b>	<b>SW5035</b>					Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806284</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	232	50.0	125.0	0	185.6	0	200				
Acrylonitrile	49.0	10	50.00	0	98.1	0	200				
Allyl chloride	55.0	5.0	50.00	0	109.9	0	200				
Benzene	50.6	1.0	50.00	0	101.1	73.9	109				
Bromobenzene	46.6	5.0	50.00	0	93.2	0	200				
Bromochloromethane	54.1	5.0	50.00	0	108.2	0	200				
Bromodichloromethane	54.1	5.0	50.00	0	108.2	91.3	126				
Bromoform	48.8	5.0	50.00	0	97.6	0	200				
Bromomethane	34.6	10	50.00	0	69.2	0	200				
Carbon disulfide	52.6	5.0	50.00	0	105.3	0	200				
Carbon tetrachloride	55.0	5.0	50.00	0	110.1	83.3	127				
Chlorobenzene	47.2	5.0	50.00	0	94.4	85.8	116				
Chloroethane	49.6	10	50.00	0	99.1	0	200				
Chloroform	54.6	5.0	50.00	0	109.2	80	113				
Chloromethane	37.0	10	50.00	0	73.9	0	200				
cis-1,2-Dichloroethene	51.9	5.0	50.00	0	103.8	0	200				
cis-1,3-Dichloropropene	52.4	4.0	50.00	0	104.7	0	200				
Cyclohexanone	300	100	250.0	0	119.9	0	200				
Dibromochloromethane	48.5	5.0	50.00	0	97.0	89.1	119				
Dibromomethane	52.8	5.0	50.00	0	105.6	0	200				
Dichlorodifluoromethane	29.8	10	50.00	0	59.5	0	200				
Ethyl acetate	56.5	50.0	50.00	0	113.0	0	200				
Ethyl ether	53.7	5.0	50.00	0	107.4	0	200				
Ethyl methacrylate	44.9	5.0	50.00	0	89.8	0	200				
Ethylbenzene	46.9	5.0	50.00	0	93.8	84.1	115				
Heptane	51.5	20.0	50.00	0	103.0	0	200				
Hexachlorobutadiene	49.2	5.0	50.00	0	98.3	0	200				
Hexachloroethane	49.4	5.0	50.00	0	98.8	0	200				
Iodomethane	55.6	10	50.00	0	111.3	0	200				
Isopropylbenzene	47.0	5.0	50.00	0	93.9	0	200				
m,p-Xylenes	92.2	5.0	100.0	0	92.2	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-G101130-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/30/2010</b>	RunNo: <b>143066</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64663</b>	<b>SW5035</b>				Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806284</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	51.2	50.0	50.00	0	102.5	0	200				
Methyl Methacrylate	49.5	5.0	50.00	0	99.1	0	200				
Methyl tert-butyl ether	52.8	2.0	50.00	0	105.6	80	128				
Methylacrylate	52.8	10	50.00	0	105.6	0	200				
Methylene chloride	50.6	5.0	50.00	0	101.2	73.9	116				
Naphthalene	53.8	10	50.00	0	107.5	73.1	135				
n-Butylbenzene	50.5	5.0	50.00	0	100.9	0	200				
n-Hexane	51.9	20.0	50.00	0	103.8	0	200				
Nitrobenzene	920	100	500.0	0	183.9	0	200				
n-Propylbenzene	47.8	5.0	50.00	0	95.6	0	200				
o-Xylene	45.1	5.0	50.00	0	90.2	82	117				
Pentachloroethane	49.1	5.0	50.00	0	98.1	0	200				
p-Isopropyltoluene	47.0	5.0	50.00	0	94.0	0	200				
Propionitrile	518	50.0	500.0	0	103.7	0	200				
sec-Butylbenzene	48.7	5.0	50.00	0	97.3	0	200				
Styrene	45.8	5.0	50.00	0	91.6	0	200				
tert-Butylbenzene	47.0	5.0	50.00	0	94.0	0	200				
Tetrachloroethene	46.1	5.0	50.00	0	92.3	74.6	115				
Tetrahydrofuran	50	50.0	50.00	0	99.5	0	200				J
Toluene	45.2	5.0	50.00	0	90.5	79.1	112				
trans-1,2-Dichloroethene	54.4	5.0	50.00	0	108.9	0	200				
trans-1,3-Dichloropropene	48.1	4.0	50.00	0	96.2	0	200				
Trichloroethene	52.8	5.0	50.00	0	105.5	81	111				
Trichlorofluoromethane	51.4	5.0	50.00	0	102.8	0	200				
Vinyl acetate	53.6	50.0	50.00	0	107.3	0	200				
Vinyl chloride	46.2	2.0	50.00	0	92.4	0	200				
Surr: 1,2-Dichloroethane-d4	52.4		50.00		104.9	72.2	131				
Surr: 4-Bromofluorobenzene	49.5		50.00		99.1	82.1	116				
Surr: Dibromofluoromethane	54.6		50.00		109.3	77.7	120				
Surr: Toluene-d8	47.1		50.00		94.3	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-D-G101130-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/30/2010</b>	RunNo: <b>143066</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64663</b>	<b>SW5035</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806285</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	49.0	5.0	50.00	0	98.0	0	200	47.30	3.51	20	
1,1,1-Trichloroethane	55.8	5.0	50.00	0	111.6	85.6	124	53.72	3.82	20	
1,1,2,2-Tetrachloroethane	51.4	5.0	50.00	0	102.8	0	200	48.97	4.86	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	57.6	5.0	50.00	0	115.1	0	200	55.96	2.82	20	
1,1,2-Trichloroethane	49.6	5.0	50.00	0	99.1	0	200	47.43	4.41	20	
1,1-Dichloro-2-propanone	145	50.0	125.0	0	116.1	0	200	149.1	2.70	20	
1,1-Dichloroethane	54.5	5.0	50.00	0	108.9	0	200	53.21	2.32	20	
1,1-Dichloroethene	52.9	5.0	50.00	0	105.8	60.1	131	51.43	2.84	20	
1,1-Dichloropropene	54.4	5.0	50.00	0	108.9	0	200	52.82	3.02	20	
1,2,3-Trichlorobenzene	51.7	5.0	50.00	0	103.3	0	200	53.01	2.58	20	
1,2,3-Trichloropropane	52.3	10	50.00	0	104.6	0	200	49.83	4.86	20	
1,2,3-Trimethylbenzene	48.8	5.0	50.00	0	97.6	0	200	47.88	1.94	20	
1,2,4-Trichlorobenzene	52.6	5.0	50.00	0	105.2	0	200	54.67	3.86	20	
1,2,4-Trimethylbenzene	49.8	5.0	50.00	0	99.6	0	200	48.72	2.19	20	
1,2-Dibromo-3-chloropropane	50.0	5.0	50.00	0	100	0	200	47.64	4.83	20	
1,2-Dibromoethane	50.8	5.0	50.00	0	101.6	86.9	119	48.66	4.34	20	
1,2-Dichlorobenzene	48.8	5.0	50.00	0	97.7	88	119	47.36	3.06	20	
1,2-Dichloroethane	56.8	5.0	50.00	0	113.6	73	117	54.78	3.59	20	
1,2-Dichloropropane	53.2	5.0	50.00	0	106.5	0	200	51.67	3.01	20	
1,3,5-Trimethylbenzene	50.2	5.0	50.00	0	100.4	0	200	48.09	4.27	20	
1,3-Dichlorobenzene	49.3	5.0	50.00	0	98.6	85.8	125	48.06	2.57	20	
1,3-Dichloropropane	48.4	5.0	50.00	0	96.9	0	200	46.88	3.27	20	
1,4-Dichlorobenzene	47.9	5.0	50.00	0	95.7	84.5	124	47.23	1.35	20	
1-Chlorobutane	48.6	5.0	50.00	0	97.2	0	200	47.38	2.58	20	
2,2-Dichloropropane	53.6	5.0	50.00	0	107.2	0	200	51.95	3.09	20	
2-Butanone	170	50.0	125.0	0	135.8	45.3	136	163.5	3.76	20	
2-Chlorotoluene	48.8	5.0	50.00	0	97.6	0	200	47.29	3.14	20	
2-Hexanone	138	50.0	125.0	0	110.5	0	200	136.1	1.47	20	
2-Nitropropane	617	50.0	500.0	0	123.4	0	200	599.8	2.79	20	
4-Chlorotoluene	49.4	5.0	50.00	0	98.8	0	200	48.11	2.67	20	
4-Methyl-2-pentanone	138	50.0	125.0	0	110.1	0	200	137.2	0.342	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCS-D-G101130-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/30/2010</b>	RunNo: <b>143066</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64663</b>	<b>SW5035</b>				Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806285</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Acetone	232	50.0	125.0	0	185.8	0	200	232.0	0.142	20		
Acrylonitrile	51.0	10	50.00	0	101.9	0	200	49.03	3.88	20		
Allyl chloride	56.2	5.0	50.00	0	112.5	0	200	54.97	2.30	20		
Benzene	51.6	1.0	50.00	0	103.1	73.9	109	50.56	1.98	20		
Bromobenzene	49.2	5.0	50.00	0	98.4	0	200	46.60	5.45	20		
Bromochloromethane	54.5	5.0	50.00	0	108.9	0	200	54.10	0.682	20		
Bromodichloromethane	55.9	5.0	50.00	0	111.8	91.3	126	54.08	3.27	20		
Bromoform	50.3	5.0	50.00	0	100.7	0	200	48.79	3.11	20		
Bromomethane	36.4	10	50.00	0	72.8	0	200	34.61	5.01	20		
Carbon disulfide	53.8	5.0	50.00	0	107.6	0	200	52.64	2.14	20		
Carbon tetrachloride	57.2	5.0	50.00	0	114.5	83.3	127	55.05	3.88	20		
Chlorobenzene	48.4	5.0	50.00	0	96.7	85.8	116	47.22	2.36	20		
Chloroethane	50.6	10	50.00	0	101.3	0	200	49.55	2.16	20		
Chloroform	56.2	5.0	50.00	0	112.4	80	113	54.59	2.92	20		
Chloromethane	37.1	10	50.00	0	74.2	0	200	36.97	0.405	20		
cis-1,2-Dichloroethene	53.3	5.0	50.00	0	106.5	0	200	51.89	2.62	20		
cis-1,3-Dichloropropene	54.3	4.0	50.00	0	108.6	0	200	52.35	3.68	20		
Cyclohexanone	236	100	250.0	0	94.5	0	200	299.7	23.6	20	R	
Dibromochloromethane	51.0	5.0	50.00	0	102.1	89.1	119	48.52	5.08	20		
Dibromomethane	54.8	5.0	50.00	0	109.6	0	200	52.79	3.75	20		
Dichlorodifluoromethane	30.2	10	50.00	0	60.4	0	200	29.76	1.40	20		
Ethyl acetate	55.0	50.0	50.00	0	109.9	0	200	56.50	2.75	20		
Ethyl ether	55.8	5.0	50.00	0	111.6	0	200	53.68	3.87	20		
Ethyl methacrylate	45.8	5.0	50.00	0	91.7	0	200	44.88	2.09	20		
Ethylbenzene	47.7	5.0	50.00	0	95.4	84.1	115	46.91	1.67	20		
Heptane	53.8	20.0	50.00	0	107.6	0	200	51.49	4.35	20		
Hexachlorobutadiene	48.2	5.0	50.00	0	96.4	0	200	49.16	1.95	20		
Hexachloroethane	51.5	5.0	50.00	0	102.9	0	200	49.39	4.11	20		
Iodomethane	56.2	10	50.00	0	112.3	0	200	55.63	0.966	20		
Isopropylbenzene	47.9	5.0	50.00	0	95.9	0	200	46.95	2.09	20		
m,p-Xylenes	93.9	5.0	100.0	0	93.9	79.1	111	92.22	1.76	20		

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>LCSD-G101130-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/30/2010</b>	RunNo: <b>143066</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64663</b>	<b>SW5035</b>				Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806285</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	51.4	50.0	50.00	0	102.9	0	200	51.24	0.409	20	
Methyl Methacrylate	51.7	5.0	50.00	0	103.4	0	200	49.53	4.27	20	
Methyl tert-butyl ether	54.4	2.0	50.00	0	108.8	80	128	52.79	2.97	20	
Methylacrylate	53.5	10	50.00	0	107.0	0	200	52.80	1.28	20	
Methylene chloride	51.6	5.0	50.00	0	103.2	73.9	116	50.60	1.96	20	
Naphthalene	53.0	10	50.00	0	106.0	73.1	135	53.77	1.42	20	
n-Butylbenzene	50.8	5.0	50.00	0	101.6	0	200	50.46	0.632	20	
n-Hexane	53.6	20.0	50.00	0	107.1	0	200	51.91	3.11	20	
Nitrobenzene	939	100	500.0	0	187.8	0	200	919.7	2.09	20	
n-Propylbenzene	49.2	5.0	50.00	0	98.3	0	200	47.79	2.81	20	
o-Xylene	46.0	5.0	50.00	0	92.0	82	117	45.09	1.98	20	
Pentachloroethane	51.4	5.0	50.00	0	102.7	0	200	49.06	4.56	20	
p-Isopropyltoluene	48.8	5.0	50.00	0	97.5	0	200	47.00	3.68	20	
Propionitrile	529	50.0	500.0	0	105.7	0	200	518.4	1.96	20	
sec-Butylbenzene	50.1	5.0	50.00	0	100.1	0	200	48.67	2.84	20	
Styrene	46.5	5.0	50.00	0	93.0	0	200	45.78	1.60	20	
tert-Butylbenzene	48.8	5.0	50.00	0	97.5	0	200	46.98	3.70	20	
Tetrachloroethene	48.6	5.0	50.00	0	97.2	74.6	115	46.13	5.26	20	
Tetrahydrofuran	50.2	50.0	50.00	0	100.4	0	200	49.74	0.960	20	
Toluene	46.5	5.0	50.00	0	93.0	79.1	112	45.23	2.73	20	
trans-1,2-Dichloroethene	56.2	5.0	50.00	0	112.3	0	200	54.43	3.13	20	
trans-1,3-Dichloropropene	49.3	4.0	50.00	0	98.6	0	200	48.08	2.55	20	
Trichloroethene	54.5	5.0	50.00	0	108.9	81	111	52.76	3.17	20	
Trichlorofluoromethane	53.0	5.0	50.00	0	105.9	0	200	51.40	3.01	20	
Vinyl acetate	54.0	50.0	50.00	0	108.0	0	200	53.64	0.706	20	
Vinyl chloride	47.7	2.0	50.00	0	95.4	0	200	46.22	3.11	20	
Surr: 1,2-Dichloroethane-d4	51.9		50.00		103.8	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	48.8		50.00		97.7	82.1	116		0	20	
Surr: Dibromofluoromethane	54.4		50.00		108.7	77.7	120		0	20	
Surr: Toluene-d8	47.1		50.00		94.3	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MBLK-G101130-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/30/2010</b>	RunNo: <b>143066</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64663</b>	<b>SW5035</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806286</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MBLK-G101130-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/30/2010</b>	RunNo: <b>143066</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64663</b>	<b>SW5035</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806286</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10111017

Report Date: 07-Dec-10

Sample ID: <b>MBLK-G101130-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/30/2010</b>	RunNo: <b>143066</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64663</b>	<b>SW5035</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806286</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	53.0		50.00		106.0	72.2	131				
Surr: 4-Bromofluorobenzene	49.7		50.00		99.5	82.1	116				
Surr: Dibromofluoromethane	54.0		50.00		108.0	77.7	120				
Surr: Toluene-d8	47.7		50.00		95.5	86	116				



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10111017

**Report Date:** 07-Dec-10

Carrier: FedEx

Received By: MLD

Completed by:

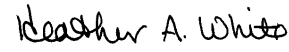


On:

23-Nov-10

Elizabeth A. Hurley

Reviewed by:



On:

23-Nov-10

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 1.6
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 - 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

10111017

Project Name: *Campaign MUP* Project Mgr.: *P. SAZAMA*

Project Number: *024-0908-0120* Cost Code: *50002*

Sampler(s): *J. BLANON*

Laboratory Name: *TEK LAB*

Location: *COLLINSVILLE IL*

Sample Number and (depth)	Date	Time	Matrix			
			Soil	Water	Air	Wipes
<i>P6-HI3-W(3)</i>	<i>11/22/10</i>	<i>9:28 AM</i>	<i>X</i>			
<i>P6-HI3-W(8)</i>	<i>11/22/10</i>	<i>9:40 AM</i>	<i>X</i>			
<i>P6-HI3-W(16)</i>	<i>11/22/10</i>	<i>9:55 AM</i>	<i>X</i>			

Analyses by Method Name and Number	Total Number of Containers	Matrix			
		Soil	Water	Air	Wipes
<i>VOCs 8260</i>	<i>0</i>				
<i>SUOC'S 8270</i>	<i>0</i>				
<i>SUOC'S 8270 SIMS</i>	<i>0</i>				
<i>RICA METALS</i>	<i>0</i>				
<i>YORK HYDRAIDE</i>	<i>0</i>				

Laboratory Temperature upon Receipt  
*1-6°C ICE*

Comments (Field PID)  
*10111017-001*  
*002*  
*003*

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
- Metals ..... Nitric acid (HNO<sub>3</sub>)
- Cyanide ..... Sodium hydroxide (NaOH)
- Other (Specify) .....

### Lab Directives:

Requested TAT:  Rush  5 Days  STD  Other \_\_\_\_\_

Fax and/or Mail Results to: *P. SAZAMA AND L. HUBBARD*

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

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

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

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

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

### Shipping:

Carrier / Airbill No.	
-----------------------	--

### Relinquished by:

Signature	Date	Time
<i>[Signature]</i>	<i>11/22/10</i>	<i>12:30</i>
<i>[Signature]</i>	<i>11/22/10</i>	<i>1450</i>

### Received by:

Signature	Date	Time
<i>[Signature]</i>	<i>11/22/10</i>	<i>12:30</i>
<i>[Signature]</i>	<i>11/23/10</i>	<i>10:27</i>

Shaded Areas to be Completed by Lab

GREEN to Sampler

PINK to QA/QC

CANARY to PM

WHITE to Lab

PE-179 (6/03)

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

December 03, 2010

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



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

**WorkOrder:** 10111049

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 11/23/2010 4:45:00 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:** A831-735002-012901-225Ameren Champaign 62409080120

**Lab Order:** 10111049

**Report Date:** 03-Dec-10

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10111049-001	P6-H2-F (19)	5	11/23/2010 10:30:00 AM
10111049-002	P6-G3-F (19)	5	11/23/2010 10:55:00 AM

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10111049

**Report Date:** 03-Dec-10

**Cooler Receipt Temp:** 1.4 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0 | LA: NELAP #166493

### 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:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10111049

**Client Sample ID:** P6-H2-F (19)

**Lab ID:** 10111049-001

**Collection Date:** 11/23/2010 10:30:00 AM

**Report Date:** 03-Dec-10

**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		10.2	%	1	11/23/2010 5:15:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.8	%	1	11/23/2010 5:15:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		3.16	mg/Kg-dry	1	11/24/2010 1:49:14 PM	JMW
Barium	NELAP	0.48		17.7	mg/Kg-dry	1	11/24/2010 1:49:14 PM	JMW
Cadmium	NELAP	0.19	J	0.13	mg/Kg-dry	1	11/24/2010 1:49:14 PM	JMW
Chromium	NELAP	0.96		15.0	mg/Kg-dry	1	11/24/2010 1:49:14 PM	JMW
Lead	NELAP	3.85		11.1	mg/Kg-dry	1	11/24/2010 1:49:14 PM	JMW
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	11/24/2010 1:49:14 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.536	< 0.536	mg/Kg-dry	1	11/24/2010 1:24:20 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	5.56		11.5	mg/Kg-dry	1	11/24/2010 12:29:00 PM	DMH
Kerosene	NELAP	5.56		ND	mg/Kg-dry	1	11/24/2010 12:29:00 PM	DMH
Mineral Spirits	NELAP	5.56		ND	mg/Kg-dry	1	11/24/2010 12:29:00 PM	DMH
Motor Oil	NELAP	5.56	#	12.8	mg/Kg-dry	1	11/24/2010 12:29:00 PM	DMH
Surr: n-Tetracontane		50.6-140		107.1	%REC	1	11/24/2010 12:29:00 PM	DMH
<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	11/24/2010 1:55:00 PM	DMH
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Benzo(a)anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Benzo(g,h,i)perylene	NELAP	0.004		0.008	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Chrysene	NELAP	0.004		0.005	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Phenanthrene	NELAP	0.004		0.021	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		68.6	%REC	1	11/24/2010 1:55:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		85.2	%REC	1	11/24/2010 1:55:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111049  
**Lab ID:** 10111049-001  
**Report Date:** 03-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H2-F (19)  
**Collection Date:** 11/23/2010 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: p-Terphenyl-d14		30.6-131		<b>82.3</b>	%REC	1	11/24/2010 1:55:00 PM	DMH
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.10		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
2-Chloronaphthalene	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
2-Chlorophenol	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
2-Methoxy-4-methylphenol		0.713		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
2-Methylnaphthalene	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
2-Nitroaniline	NELAP	1.10		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
2-Nitrophenol	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
3-Nitroaniline	NELAP	1.10		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.10		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
4-Chloroaniline	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
4-Nitroaniline	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
4-Nitrophenol	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Aniline	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Azobenzene		0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Benzidine	NELAP	1.16		<b>see note</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Benzoic acid	NELAP	1.65		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Benzyl alcohol	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.384		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Carbazole		0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111049  
**Lab ID:** 10111049-001  
**Report Date:** 03-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H2-F (19)  
**Collection Date:** 11/23/2010 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>								
Dibenzofuran	NELAP	0.384		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Diethyl phthalate	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Dimethyl phthalate	NELAP	0.384		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.384		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.384		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Hexachlorobenzene	NELAP	0.384		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Hexachlorobutadiene	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.384		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Hexachloroethane	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Isophorone	NELAP	0.384		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
m,p-Cresol	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Nitrobenzene	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
o-Cresol	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Pentachlorophenol	NELAP	2.19		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Phenol	NELAP	0.384		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Pyridine	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
1,2-Diphenylhydrazine		0.922		ND	mg/Kg-dry	1	12/1/2010 8:59:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		50.0	%REC	1	12/1/2010 8:59:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		76.6	%REC	1	12/1/2010 8:59:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		67.6	%REC	1	12/1/2010 8:59:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.8	%REC	1	12/1/2010 8:59:00 PM	DMH
Surr: Phenol-d5		34.9-110		75.8	%REC	1	12/1/2010 8:59:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		76.1	%REC	1	12/1/2010 8:59:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1,1-Trichloroethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1,2-Trichloroethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1-Dichloro-2-propanone		903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1-Dichloroethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1-Dichloroethene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1-Dichloropropene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2,3-Trichloropropane	NELAP	181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111049  
**Lab ID:** 10111049-001  
**Report Date:** 03-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H2-F (19)  
**Collection Date:** 11/23/2010 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>								
1,2,3-Trimethylbenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2-Dibromoethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2-Dichlorobenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2-Dichloroethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2-Dichloropropane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,3-Dichlorobenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,3-Dichloropropane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,4-Dichlorobenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1-Chlorobutane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
2,2-Dichloropropane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
2-Butanone	NELAP	903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
2-Chlorotoluene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
2-Hexanone	NELAP	903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
2-Nitropropane	NELAP	903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
4-Chlorotoluene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
4-Methyl-2-pentanone	NELAP	903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Acetone	NELAP	903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Acetonitrile	NELAP	1810		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Acrolein	NELAP	1810		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Acrylonitrile	NELAP	181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Allyl chloride	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Benzene	NELAP	18.1		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Bromobenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Bromochloromethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Bromodichloromethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Bromoform	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Bromomethane	NELAP	181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Carbon disulfide	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Carbon tetrachloride	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Chlorobenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Chloroethane	NELAP	181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Chloroform	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Chloromethane	NELAP	181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10111049

**Client Sample ID:** P6-H2-F (19)

**Lab ID:** 10111049-001

**Collection Date:** 11/23/2010 10:30:00 AM

**Report Date:** 03-Dec-10

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
cis-1,3-Dichloropropene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Cyclohexanone		1810		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Dibromochloromethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Dibromomethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Dichlorodifluoromethane	NELAP	181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Ethyl acetate	NELAP	903	J	320	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Ethyl ether	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Ethyl methacrylate	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Ethylbenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Gasoline Range Organics (OA-1)		18100		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Heptane		361		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Hexachlorobutadiene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Hexachloroethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Iodomethane	NELAP	181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Isopropylbenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
m,p-Xylenes	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Methacrylonitrile	NELAP	903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Methyl Methacrylate	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Methyl tert-butyl ether	NELAP	36.1		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Methylacrylate		181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Methylene chloride	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Naphthalene	NELAP	181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
n-Butylbenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
n-Hexane		361		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Nitrobenzene	NELAP	1810		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
n-Propylbenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
o-Xylene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Pentachloroethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
p-Isopropyltoluene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Propionitrile	NELAP	903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
sec-Butylbenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Styrene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
tert-Butylbenzene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Tetrachloroethene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Tetrahydrofuran	NELAP	903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Toluene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111049  
**Lab ID:** 10111049-001  
**Report Date:** 03-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H2-F (19)  
**Collection Date:** 11/23/2010 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>								
trans-1,4-Dichloro-2-butene	NELAP	181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Trichloroethene	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Trichlorofluoromethane	NELAP	90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Vinyl acetate	NELAP	903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Vinyl chloride	NELAP	36.1		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		104.1	%REC	12.5	11/24/2010 1:05:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		102.4	%REC	12.5	11/24/2010 1:05:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		96.6	%REC	12.5	11/24/2010 1:05:00 PM	RWE
Surr: Toluene-d8		86-116		96.4	%REC	12.5	11/24/2010 1:05:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.010	J	0.005	mg/Kg-dry	1	11/24/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.551		< 0.551	mg/Kg-dry	1	11/29/2010 11:01:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.55		< 0.55	mg/Kg-dry	1	11/29/2010 11:01:00 AM	KNS

### Sample Narrative

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

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

Chrysene was outside upper LCS QC limits. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

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

Marginal Exceedance for trichloroethene in LCS and LCSD is verified per NELAC Appendix D 1.1.2

Elevated reporting limit due to matrix interference.

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10111049

**Client Sample ID:** P6-G3-F (19)

**Lab ID:** 10111049-002

**Collection Date:** 11/23/2010 10:55:00 AM

**Report Date:** 03-Dec-10

**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	11/23/2010 5:15:00 PM	RS	
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>									
Total Solids		0.1		89.7	%	1	11/23/2010 5:15:00 PM	RS	
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>									
Arsenic	NELAP	2.45		2.51	mg/Kg-dry	1	11/24/2010 1:54:48 PM	JMW	
Barium	NELAP	0.49		18.0	mg/Kg-dry	1	11/24/2010 1:54:48 PM	JMW	
Cadmium	NELAP	0.20		0.20	mg/Kg-dry	1	11/24/2010 1:54:48 PM	JMW	
Chromium	NELAP	0.98		15.8	mg/Kg-dry	1	11/24/2010 1:54:48 PM	JMW	
Lead	NELAP	3.92		9.80	mg/Kg-dry	1	11/24/2010 1:54:48 PM	JMW	
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	11/24/2010 1:54:48 PM	JMW	
<b><u>SW-846 3050B, METALS BY GFAA</u></b>									
Selenium	7740	NELAP	0.566	S	< 0.566	mg/Kg-dry	1	11/24/2010 1:27:42 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>									
Diesel	NELAP	5.57		14.3	mg/Kg-dry	1	11/24/2010 12:46:00 PM	DMH	
Kerosene	NELAP	5.57		ND	mg/Kg-dry	1	11/24/2010 12:46:00 PM	DMH	
Mineral Spirits	NELAP	5.57		ND	mg/Kg-dry	1	11/24/2010 12:46:00 PM	DMH	
Motor Oil	NELAP	5.57	#	16.4	mg/Kg-dry	1	11/24/2010 12:46:00 PM	DMH	
Surr: n-Tetracontane		50.6-140		110.7	%REC	1	11/24/2010 12:46:00 PM	DMH	
<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	11/24/2010 2:32:00 PM	DMH	
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Benzo(a)anthracene	NELAP	0.004		0.006	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Benzo(g,h,i)perylene	NELAP	0.004		0.008	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Chrysene	NELAP	0.004		0.005	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Phenanthrene	NELAP	0.004		0.022	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH	
Surr: 2-Fluorobiphenyl		10-131		66.3	%REC	1	11/24/2010 2:32:00 PM	DMH	
Surr: Nitrobenzene-d5		10-132		81.6	%REC	1	11/24/2010 2:32:00 PM	DMH	

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111049  
**Lab ID:** 10111049-002  
**Report Date:** 03-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-G3-F (19)  
**Collection Date:** 11/23/2010 10:55:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: p-Terphenyl-d14		30.6-131		<b>81.3</b>	%REC	1	11/24/2010 2:32:00 PM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.10		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
2-Chloronaphthalene	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
2-Chlorophenol	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
2-Methoxy-4-methylphenol		0.714		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
2-Methylnaphthalene	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
2-Nitroaniline	NELAP	1.10		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
2-Nitrophenol	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
3-Nitroaniline	NELAP	1.10		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.10		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
4-Chloroaniline	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
4-Nitroaniline	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
4-Nitrophenol	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Aniline	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Azobenzene		0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Benzidine	NELAP	1.16		<b>see note</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Benzoic acid	NELAP	1.65		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Benzyl alcohol	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.385		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Carbazole		0.549		<b>ND</b>	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111049  
**Lab ID:** 10111049-002  
**Report Date:** 03-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-G3-F (19)  
**Collection Date:** 11/23/2010 10:55:00 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>								
Dibenzofuran	NELAP	0.385		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Diethyl phthalate	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Dimethyl phthalate	NELAP	0.385		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.385		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.385		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Hexachlorobenzene	NELAP	0.385		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Hexachlorobutadiene	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.385		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Hexachloroethane	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Isophorone	NELAP	0.385		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
m,p-Cresol	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Nitrobenzene	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
o-Cresol	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Pentachlorophenol	NELAP	2.20		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Phenol	NELAP	0.385		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Pyridine	NELAP	0.549		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
1,2-Diphenylhydrazine		0.923		ND	mg/Kg-dry	1	12/1/2010 10:36:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		47.8	%REC	1	12/1/2010 10:36:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		73.8	%REC	1	12/1/2010 10:36:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		67.2	%REC	1	12/1/2010 10:36:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		65.5	%REC	1	12/1/2010 10:36:00 PM	DMH
Surr: Phenol-d5		34.9-110		78.9	%REC	1	12/1/2010 10:36:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		81.2	%REC	1	12/1/2010 10:36:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1,1-Trichloroethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1,2-Trichloroethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1-Dichloro-2-propanone		1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1-Dichloroethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1-Dichloroethene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1-Dichloropropene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2,3-Trichloropropane	NELAP	212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111049  
**Lab ID:** 10111049-002  
**Report Date:** 03-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-G3-F (19)  
**Collection Date:** 11/23/2010 10:55:00 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>								
1,2,3-Trimethylbenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2-Dibromoethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2-Dichlorobenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2-Dichloroethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2-Dichloropropane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,3-Dichlorobenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,3-Dichloropropane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,4-Dichlorobenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1-Chlorobutane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
2,2-Dichloropropane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
2-Butanone	NELAP	1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
2-Chlorotoluene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
2-Hexanone	NELAP	1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
2-Nitropropane	NELAP	1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
4-Chlorotoluene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Acetone	NELAP	1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Acetonitrile	NELAP	2120		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Acrolein	NELAP	2120		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Acrylonitrile	NELAP	212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Allyl chloride	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Benzene	NELAP	21.2		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Bromobenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Bromochloromethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Bromodichloromethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Bromoform	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Bromomethane	NELAP	212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Carbon disulfide	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Carbon tetrachloride	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Chlorobenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Chloroethane	NELAP	212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Chloroform	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Chloromethane	NELAP	212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111049  
**Lab ID:** 10111049-002  
**Report Date:** 03-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-G3-F (19)  
**Collection Date:** 11/23/2010 10:55:00 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>								
cis-1,3-Dichloropropene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Cyclohexanone		2120		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Dibromochloromethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Dibromomethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Dichlorodifluoromethane	NELAP	212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Ethyl acetate	NELAP	1060	J	340	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Ethyl ether	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Ethyl methacrylate	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Ethylbenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Gasoline Range Organics (OA-1)		21200		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Heptane		423		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Hexachlorobutadiene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Hexachloroethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Iodomethane	NELAP	212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Isopropylbenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
m,p-Xylenes	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Methacrylonitrile	NELAP	1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Methyl Methacrylate	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Methyl tert-butyl ether	NELAP	42.3		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Methylacrylate		212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Methylene chloride	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Naphthalene	NELAP	212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
n-Butylbenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
n-Hexane		423		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Nitrobenzene	NELAP	2120		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
n-Propylbenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
o-Xylene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Pentachloroethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
p-Isopropyltoluene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Propionitrile	NELAP	1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
sec-Butylbenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Styrene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
tert-Butylbenzene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Tetrachloroethene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Tetrahydrofuran	NELAP	1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Toluene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111049  
**Lab ID:** 10111049-002  
**Report Date:** 03-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-G3-F (19)  
**Collection Date:** 11/23/2010 10:55:00 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>								
trans-1,4-Dichloro-2-butene	NELAP	212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Trichloroethene	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Trichlorofluoromethane	NELAP	106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Vinyl acetate	NELAP	1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Vinyl chloride	NELAP	42.3		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.5	%REC	12.5	11/24/2010 1:33:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		103.1	%REC	12.5	11/24/2010 1:33:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.0	%REC	12.5	11/24/2010 1:33:00 PM	RWE
Surr: Toluene-d8		86-116		95.8	%REC	12.5	11/24/2010 1:33:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.005	mg/Kg-dry	1	11/24/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.541		< 0.541	mg/Kg-dry	1	11/29/2010 11:01:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.54		< 0.54	mg/Kg-dry	1	11/29/2010 11:01:00 AM	KNS

### 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

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

Chrysene was outside upper LCS QC limits. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

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

Marginal Exceedance for trichloroethene in LCS and LCSD is verified per NELAC Appendix D 1.1.2

Elevated reporting limit due to matrix interference.

ENVIRONMENTAL TESTING LABORATORY

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**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

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

**Lab Order:** 10111049

**Report Date:** 03-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10111049-001A	P6-H2-F (19)	11/23/2010	Solid	SW-846 3050B, 6010B, Metals by ICP	11/24/2010 8:30:00 AM	11/24/2010 1:49:14 PM
				SW-846 3050B, Metals by GFAA	11/24/2010 8:30:00 AM	11/24/2010 1:24:20 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	11/24/2010 8:43:29 AM	11/24/2010 12:29:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/23/2010 8:24:06 PM	11/24/2010 1:55:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/23/2010 8:20:48 PM	12/1/2010 8:59:00 PM
				SW-846 7471A	11/24/2010 10:08:30 AM	11/24/2010
10111049-001B				EPA SW846 3550C, 5035A, ASTM D2974		11/23/2010 5:15:00 PM
				Standard Methods 18th Ed. 2540 G		11/23/2010 5:15:00 PM
				SW-846 9012A		11/29/2010 11:01:00 AM
				SW-846 9012A (Total)		11/29/2010 11:01:00 AM
10111049-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 11:28:00 AM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 1:05:00 PM
10111049-002A	P6-G3-F (19)			SW-846 3050B, 6010B, Metals by ICP	11/24/2010 8:30:00 AM	11/24/2010 1:54:48 PM
				SW-846 3050B, Metals by GFAA	11/24/2010 8:30:00 AM	11/24/2010 1:27:42 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	11/24/2010 8:43:29 AM	11/24/2010 12:46:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/23/2010 8:24:06 PM	11/24/2010 2:32:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/23/2010 8:20:48 PM	12/1/2010 10:36:00 PM
				SW-846 7471A	11/24/2010 10:08:30 AM	11/24/2010
10111049-002B				EPA SW846 3550C, 5035A, ASTM D2974		11/23/2010 5:15:00 PM
				Standard Methods 18th Ed. 2540 G		11/23/2010 5:15:00 PM
				SW-846 9012A		11/29/2010 11:01:00 AM
				SW-846 9012A (Total)		11/29/2010 11:01:00 AM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

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

**Lab Order:** 10111049

**Report Date:** 03-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10111049-002E	P6-G3-F (19)	11/23/2010	Solid	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 11:57:00 AM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 1:33:00 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: A831-735002-012901-225Ameren Champaign 62409080120

Lab Order: 10111049

Report Date: 03-Dec-10

## ANALYTICAL QC SUMMARY REPORT

Test Number: M2540 G

Sample ID: <b>LCS-R142894</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>142894</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142894</b>		Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802405</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>142894</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142894</b>		Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802406</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>10111049-001BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>142894</b>							
Client ID: <b>P6-H2-F (19)DUP</b>	Batch ID: <b>R142894</b>		Analysis Date: <b>11/23/2010</b>	SeqNo: <b>2802474</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 89.9 0.1 89.85 0.0779 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW6010B

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>MB-64568</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142900</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64568</b>	<b>SOP 3032</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2802880</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-64568</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142900</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64568</b>	<b>SOP 3032</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2802881</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	48.5	4.00	50.00	0	97.1	85	115				
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Sample ID: <b>MB-64568</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142933</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64568</b>	<b>SOP 3032</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803280</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	0.5500	0	0	-100	100				

Sample ID: <b>LCS-64568</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142933</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64568</b>	<b>SOP 3032</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803281</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	206	0.50	200.0	0	102.9	85	115				
Cadmium	5.06	0.20	5.000	0	101.2	85	115				
Lead	51.9	4.00	50.00	0	103.7	85	115				
Silver	5.57	0.55	5.000	0	111.4	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW6010B

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>10111049-002AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142933</b>				
Client ID: <b>P6-G3-F (19)MS</b>	Batch ID: <b>64568</b>	<b>SOP 3032</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803285</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	186	2.45	196.1	2.510	93.6	75	125				
Barium	182	0.49	196.1	17.98	83.7	75	125				
Cadmium	4.27	0.20	4.902	0.1961	83.2	75	125				
Chromium	34.3	0.98	19.61	15.75	94.4	75	125				
Lead	51.7	3.92	49.02	9.804	85.4	75	125				
Silver	5.09	0.54	4.902	0	103.8	75	125				

Sample ID: <b>10111049-002AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142933</b>				
Client ID: <b>P6-G3-F (19)MSD</b>	Batch ID: <b>64568</b>	<b>SOP 3032</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803286</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	175	2.45	196.1	2.510	88.1	75	125	186.0	5.97	20	
Barium	173	0.49	196.1	17.98	79.0	75	125	182.1	5.19	20	
Cadmium	4.02	0.20	4.902	0.1961	78.0	75	125	4.275	6.15	20	
Chromium	33.1	0.98	19.61	15.75	88.5	75	125	34.25	3.44	20	
Lead	48.5	3.92	49.02	9.804	79.0	75	125	51.68	6.26	20	
Silver	4.93	0.54	4.902	0	100.6	75	125	5.088	3.13	20	

Sample ID: <b>LCS-64568</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142933</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64568</b>	<b>SOP 3032</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803631</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	21.7	1.00	20.00	0	108.6	85	115				
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW7000 G

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>MB-64570</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142935</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64570</b>	<b>SOP 3042</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803325</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-64570</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142935</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64570</b>	<b>SOP 3042</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803326</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.68	0.600	3.000	0	89.3	80	120			
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Sample ID: <b>10111049-002AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142935</b>							
Client ID: <b>P6-G3-F (19)MS</b>	Batch ID: <b>64570</b>	<b>SOP 3042</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803329</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	1.43	0.566	2.830	0	50.4	70	130			S
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Sample ID: <b>10111049-002AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142935</b>							
Client ID: <b>P6-G3-F (19)MSD</b>	Batch ID: <b>64570</b>	<b>SOP 3042</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803330</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	1.35	0.566	2.830	0	47.6	70	130	1.425	5.53	20	S
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Sample ID: <b>MB-64570</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64570</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804704</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: A831-735002-012901-225Ameren Champaign 62409080120

Test Number: **SW7000 G**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-64570</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64570</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804705</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	2.82	0.600	3.000	0	93.8	80	120			

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW7471 A

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>MB-64591</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142937</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64591</b>	<b>SOP 3063</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803423</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-64591</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142937</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64591</b>	<b>SOP 3063</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803424</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.237	0.010	0.2500	0	94.8	85	115				
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Sample ID: <b>10111049-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142937</b>				
Client ID: <b>P6-H2-F (19)MS</b>	Batch ID: <b>64591</b>	<b>SOP 3063</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803490</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.250	0.010	0.2588	0.005177	94.6	75	125				
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Sample ID: <b>10111049-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142937</b>				
Client ID: <b>P6-H2-F (19)MSD</b>	Batch ID: <b>64591</b>	<b>SOP 3063</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803491</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.251	0.010	0.2588	0.005177	95.0	75	125	0.2500	0.413	15	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8015M/OA2**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>MB-64575</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142927</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64575</b>	<b>SW3550B</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803140</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	0.60		0.6700		89.8	54.8	128				

Sample ID: <b>LCS-64575</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142927</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64575</b>	<b>SW3550B</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803141</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	17.3	5.00	16.70	0	103.7	40.4	121				
Surr: n-Tetracontane	0.62		0.6700		92.2	54.8	128				

Sample ID: <b>10111049-002AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142927</b>
Client ID: <b>P6-G3-F (19)MS</b>	Batch ID: <b>64575</b>	<b>SW3550B</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803144</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	32.7	5.57	18.61	14.34	98.4	20.3	167				
Surr: n-Tetracontane	0.77		0.7467		103.1	53.9	153				

Sample ID: <b>10111049-002AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142927</b>
Client ID: <b>P6-G3-F (19)MSD</b>	Batch ID: <b>64575</b>	<b>SW3550B</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803145</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	33.3	5.57	18.61	14.34	102.0	20.3	167	32.65	2.04	34	
Surr: n-Tetracontane	0.81		0.7467		109.0	53.9	153		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: LCS-A101124-1	SampType: LCS	Units: µg/Kg				Prep Date: 11/24/2010	RunNo: 142920				
Client ID: ZZZZZZ	Batch ID: 64592	SW5035				Analysis Date: 11/24/2010	SeqNo: 2803031				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.7	5.00	50.00	0	101.3	0	200				
1,1,1-Trichloroethane	54.9	5.00	50.00	0	109.8	85.8	124				
1,1,2,2-Tetrachloroethane	47.1	5.00	50.00	0	94.2	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	59.2	5.00	50.00	0	118.5	0	200				
1,1,2-Trichloroethane	50.4	5.00	50.00	0	100.7	0	200				
1,1-Dichloro-2-propanone	102	50.0	125.0	0	81.8	0	200				
1,1-Dichloroethane	51.5	5.00	50.00	0	102.9	0	200				
1,1-Dichloroethene	56.8	5.00	50.00	0	113.6	60.1	131				
1,1-Dichloropropene	53.7	5.00	50.00	0	107.4	0	200				
1,2,3-Trichlorobenzene	57.7	5.00	50.00	0	115.3	0	200				
1,2,3-Trichloropropane	48.4	10.0	50.00	0	96.8	0	200				
1,2,3-Trimethylbenzene	50.3	5.00	50.00	0	100.6	0	200				
1,2,4-Trichlorobenzene	61.9	5.00	50.00	0	123.9	0	200				
1,2,4-Trimethylbenzene	51.9	5.00	50.00	0	103.8	0	200				
1,2-Dibromo-3-chloropropane	49.5	5.00	50.00	0	99.0	0	200				
1,2-Dibromoethane	50.4	5.00	50.00	0	100.9	86.9	119				
1,2-Dichlorobenzene	52.2	5.00	50.00	0	104.5	88	119				
1,2-Dichloroethane	51.8	5.00	50.00	0	103.7	73	117				
1,2-Dichloropropane	51.0	5.00	50.00	0	102.0	0	200				
1,3,5-Trimethylbenzene	52.8	5.00	50.00	0	105.7	0	200				
1,3-Dichlorobenzene	53.4	5.00	50.00	0	106.7	85.8	125				
1,3-Dichloropropane	47.1	5.00	50.00	0	94.1	0	200				
1,4-Dichlorobenzene	52.1	5.00	50.00	0	104.3	84.5	124				
1-Chlorobutane	47.9	5.00	50.00	0	95.8	0	200				
2,2-Dichloropropane	54.3	5.00	50.00	0	108.5	0	200				
2-Butanone	135	50.0	125.0	0	107.8	45.3	136				
2-Chlorotoluene	50.9	5.00	50.00	0	101.8	0	200				
2-Hexanone	122	50.0	125.0	0	97.7	0	200				
2-Nitropropane	477	50.0	500.0	0	95.4	0	200				
4-Chlorotoluene	51.9	5.00	50.00	0	103.8	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-A101124-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142920</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64592</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803031</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	112	50.0	125.0	0	89.8	0	200				
Acetone	196	50.0	125.0	0	157.2	0	200				
Acetonitrile	437	100	500.0	0	87.5	0	200				
Acrylonitrile	44.2	10.0	50.00	0	88.3	0	200				
Allyl chloride	52.0	5.00	50.00	0	104.1	0	200				
Benzene	51.7	1.00	50.00	0	103.5	73.9	109				
Bromobenzene	52.2	5.00	50.00	0	104.4	0	200				
Bromochloromethane	49.5	5.00	50.00	0	99.0	0	200				
Bromodichloromethane	53.8	5.00	50.00	0	107.6	91.3	126				
Bromoform	49.3	5.00	50.00	0	98.5	0	200				
Bromomethane	27.2	10.0	50.00	0	54.3	0	200				
Carbon disulfide	55.2	5.00	50.00	0	110.4	0	200				
Carbon tetrachloride	55.6	5.00	50.00	0	111.3	83.3	127				
Chlorobenzene	51.1	5.00	50.00	0	102.2	85.8	116				
Chloroethane	55.2	10.0	50.00	0	110.4	0	200				
Chloroform	53.7	5.00	50.00	0	107.3	80	113				
Chloromethane	40.2	10.0	50.00	0	80.4	0	200				
cis-1,2-Dichloroethene	52.9	5.00	50.00	0	105.8	0	200				
cis-1,3-Dichloropropene	52.4	4.00	50.00	0	104.8	0	200				
Cyclohexanone	235	100	250.0	0	94.1	0	200				
Dibromochloromethane	52.8	5.00	50.00	0	105.6	89.1	119				
Dibromomethane	51.9	5.00	50.00	0	103.8	0	200				
Dichlorodifluoromethane	48.9	10.0	50.00	0	97.7	0	200				
Ethyl acetate	42	50.0	50.00	0	83.6	0	200				J
Ethyl ether	53.9	5.00	50.00	0	107.7	0	200				
Ethyl methacrylate	47.6	5.00	50.00	0	95.3	0	200				
Ethylbenzene	50.1	5.00	50.00	0	100.2	84.1	115				
Heptane	54.4	20.0	50.00	0	108.8	0	200				
Hexachlorobutadiene	59.0	5.00	50.00	0	118.0	0	200				
Hexachloroethane	50.1	5.00	50.00	0	100.2	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-A101124-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142920</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64592</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803031</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iodomethane	44.4	10.0	50.00	0	88.9	0	200				
Isopropylbenzene	51.0	5.00	50.00	0	102.0	0	200				
m,p-Xylenes	102	5.00	100.0	0	101.6	79.1	111				
Methacrylonitrile	47	50.0	50.00	0	94.6	0	200				J
Methyl Methacrylate	49.7	5.00	50.00	0	99.4	0	200				
Methyl tert-butyl ether	52.4	2.00	50.00	0	104.9	80	128				
Methylacrylate	46.7	10.0	50.00	0	93.4	0	200				
Methylene chloride	51.3	5.00	50.00	0	102.7	73.9	116				
Naphthalene	51.9	10.0	50.00	0	103.7	73.1	135				
n-Butylbenzene	54.9	5.00	50.00	0	109.8	0	200				
n-Hexane	54.9	20.0	50.00	0	109.8	0	200				
Nitrobenzene	462	100	500.0	0	92.3	0	200				
n-Propylbenzene	52.2	5.00	50.00	0	104.4	0	200				
o-Xylene	49.3	5.00	50.00	0	98.6	82	117				
Pentachloroethane	50.6	5.00	50.00	0	101.3	0	200				
p-Isopropyltoluene	54.2	5.00	50.00	0	108.5	0	200				
Propionitrile	448	50.0	500.0	0	89.6	0	200				
sec-Butylbenzene	52.1	5.00	50.00	0	104.3	0	200				
Styrene	50.7	5.00	50.00	0	101.3	0	200				
tert-Butylbenzene	51.6	5.00	50.00	0	103.1	0	200				
Tetrachloroethene	55.1	5.00	50.00	0	110.1	74.6	115				
Tetrahydrofuran	44	50.0	50.00	0	87.4	0	200				J
Toluene	49.0	5.00	50.00	0	98.1	79.1	112				
trans-1,2-Dichloroethene	53.6	5.00	50.00	0	107.2	0	200				
trans-1,3-Dichloropropene	49.1	4.00	50.00	0	98.2	0	200				
trans-1,4-Dichloro-2-butene	45.2	10.0	50.00	0	90.4	0	200				
Trichloroethene	57.2	5.00	50.00	0	114.4	81	111				S
Trichlorofluoromethane	55.8	5.00	50.00	0	111.5	0	200				
Vinyl acetate	44	50.0	50.00	0	87.1	0	200				J
Vinyl chloride	49.4	2.00	50.00	0	98.7	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-A101124-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142920</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64592</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803031</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	49.8		50.00		99.7	72.2	131				
Surr: 4-Bromofluorobenzene	51.1		50.00		102.2	82.1	116				
Surr: Dibromofluoromethane	52.2		50.00		104.5	77.7	120				
Surr: Toluene-d8	48.1		50.00		96.2	86	116				

Sample ID: <b>LCSD-A101124-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142920</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64592</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803032</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.6	5.00	50.00	0	101.3	0	200	50.66	0.0395	20	
1,1,1-Trichloroethane	55.1	5.00	50.00	0	110.2	85.8	124	54.89	0.382	20	
1,1,2,2-Tetrachloroethane	49.1	5.00	50.00	0	98.2	0	200	47.10	4.16	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	59.4	5.00	50.00	0	118.7	0	200	59.24	0.219	20	
1,1,2-Trichloroethane	51.5	5.00	50.00	0	103.0	0	200	50.37	2.26	20	
1,1-Dichloro-2-propanone	109	50.0	125.0	0	87.4	0	200	102.2	6.65	20	
1,1-Dichloroethane	51.6	5.00	50.00	0	103.1	0	200	51.46	0.175	20	
1,1-Dichloroethene	57.6	5.00	50.00	0	115.1	60.1	131	56.81	1.33	20	
1,1-Dichloropropene	53.8	5.00	50.00	0	107.5	0	200	53.69	0.112	20	
1,2,3-Trichlorobenzene	58.5	5.00	50.00	0	117.1	0	200	57.67	1.48	20	
1,2,3-Trichloropropane	49.9	10.0	50.00	0	99.9	0	200	48.39	3.13	20	
1,2,3-Trimethylbenzene	50.4	5.00	50.00	0	100.9	0	200	50.31	0.278	20	
1,2,4-Trichlorobenzene	62.2	5.00	50.00	0	124.4	0	200	61.93	0.419	20	
1,2,4-Trimethylbenzene	52.0	5.00	50.00	0	104.0	0	200	51.90	0.212	20	
1,2-Dibromo-3-chloropropane	54.1	5.00	50.00	0	108.3	0	200	49.50	8.95	20	
1,2-Dibromoethane	52.1	5.00	50.00	0	104.2	86.9	119	50.45	3.20	20	
1,2-Dichlorobenzene	52.3	5.00	50.00	0	104.6	88	119	52.25	0.115	20	
1,2-Dichloroethane	53.2	5.00	50.00	0	106.4	73	117	51.84	2.57	20	
1,2-Dichloropropane	51.0	5.00	50.00	0	102.0	0	200	50.99	0.0196	20	
1,3,5-Trimethylbenzene	52.8	5.00	50.00	0	105.5	0	200	52.83	0.152	20	
1,3-Dichlorobenzene	53.7	5.00	50.00	0	107.3	85.8	125	53.37	0.542	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-D-A101124-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142920</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64592</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803032</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	48.6	5.00	50.00	0	97.2	0	200	47.07	3.24	20	
1,4-Dichlorobenzene	51.9	5.00	50.00	0	103.8	84.5	124	52.14	0.442	20	
1-Chlorobutane	48.6	5.00	50.00	0	97.2	0	200	47.90	1.41	20	
2,2-Dichloropropane	53.8	5.00	50.00	0	107.7	0	200	54.27	0.777	20	
2-Butanone	144	50.0	125.0	0	115.4	45.3	136	134.8	6.82	20	
2-Chlorotoluene	50.7	5.00	50.00	0	101.5	0	200	50.89	0.315	20	
2-Hexanone	126	50.0	125.0	0	100.8	0	200	122.1	3.18	20	
2-Nitropropane	516	50.0	500.0	0	103.1	0	200	476.9	7.82	20	
4-Chlorotoluene	51.9	5.00	50.00	0	103.7	0	200	51.88	0.0193	20	
4-Methyl-2-pentanone	118	50.0	125.0	0	94.6	0	200	112.2	5.16	20	
Acetone	208	50.0	125.0	0	166.7	0	200	196.5	5.89	20	
Acetonitrile	476	100	500.0	0	95.2	0	200	437.3	8.43	20	
Acrylonitrile	47.5	10.0	50.00	0	95.0	0	200	44.17	7.31	20	
Allyl chloride	52.2	5.00	50.00	0	104.3	0	200	52.05	0.211	20	
Benzene	51.7	1.00	50.00	0	103.3	73.9	109	51.74	0.135	20	
Bromobenzene	52.1	5.00	50.00	0	104.1	0	200	52.20	0.249	20	
Bromochloromethane	49.6	5.00	50.00	0	99.1	0	200	49.51	0.0808	20	
Bromodichloromethane	54.5	5.00	50.00	0	109.0	91.3	126	53.78	1.31	20	
Bromoform	51.4	5.00	50.00	0	102.8	0	200	49.27	4.23	20	
Bromomethane	28.3	10.0	50.00	0	56.6	0	200	27.16	4.08	20	
Carbon disulfide	55.4	5.00	50.00	0	110.7	0	200	55.20	0.289	20	
Carbon tetrachloride	55.9	5.00	50.00	0	111.8	83.3	127	55.63	0.502	20	
Chlorobenzene	51.3	5.00	50.00	0	102.6	85.8	116	51.11	0.352	20	
Chloroethane	53.2	10.0	50.00	0	106.3	0	200	55.19	3.77	20	
Chloroform	54.0	5.00	50.00	0	108.1	80	113	53.66	0.687	20	
Chloromethane	38.8	10.0	50.00	0	77.6	0	200	40.22	3.54	20	
cis-1,2-Dichloroethene	53.3	5.00	50.00	0	106.5	0	200	52.88	0.716	20	
cis-1,3-Dichloropropene	52.9	4.00	50.00	0	105.9	0	200	52.40	1.03	20	
Cyclohexanone	238	100	250.0	0	95.2	0	200	235.4	1.16	20	
Dibromochloromethane	54.0	5.00	50.00	0	107.9	89.1	119	52.82	2.12	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-D-A101124-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142920</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64592</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803032</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromomethane	53.0	5.00	50.00	0	106.0	0	200	51.91	2.08	20	
Dichlorodifluoromethane	48.9	10.0	50.00	0	97.8	0	200	48.86	0.102	20	
Ethyl acetate	44	50.0	50.00	0	88.4	0	200	41.79	0	20	J
Ethyl ether	54.5	5.00	50.00	0	109.0	0	200	53.87	1.14	20	
Ethyl methacrylate	49.0	5.00	50.00	0	98.0	0	200	47.65	2.83	20	
Ethylbenzene	50.5	5.00	50.00	0	100.9	84.1	115	50.11	0.696	20	
Heptane	52.8	20.0	50.00	0	105.6	0	200	54.39	2.97	20	
Hexachlorobutadiene	58.6	5.00	50.00	0	117.3	0	200	58.99	0.612	20	
Hexachloroethane	50.3	5.00	50.00	0	100.6	0	200	50.10	0.379	20	
Iodomethane	46.7	10.0	50.00	0	93.4	0	200	44.45	4.89	20	
Isopropylbenzene	51.3	5.00	50.00	0	102.6	0	200	50.99	0.626	20	
m,p-Xylenes	102	5.00	100.0	0	102.1	79.1	111	101.6	0.481	20	
Methacrylonitrile	50.0	50.0	50.00	0	100.1	0	200	47.31	5.61	20	
Methyl Methacrylate	52.7	5.00	50.00	0	105.3	0	200	49.69	5.80	20	
Methyl tert-butyl ether	53.4	2.00	50.00	0	106.7	80	128	52.45	1.74	20	
Methylacrylate	49.3	10.0	50.00	0	98.7	0	200	46.68	5.52	20	
Methylene chloride	52.0	5.00	50.00	0	104.1	73.9	116	51.34	1.35	20	
Naphthalene	54.1	10.0	50.00	0	108.3	73.1	135	51.87	4.26	20	
n-Butylbenzene	54.4	5.00	50.00	0	108.8	0	200	54.91	0.933	20	
n-Hexane	53.5	20.0	50.00	0	107.1	0	200	54.90	2.51	20	
Nitrobenzene	501	100	500.0	0	100.2	0	200	461.6	8.22	20	
n-Propylbenzene	52.1	5.00	50.00	0	104.2	0	200	52.21	0.249	20	
o-Xylene	49.5	5.00	50.00	0	99.0	82	117	49.28	0.445	20	
Pentachloroethane	50.1	5.00	50.00	0	100.1	0	200	50.64	1.13	20	
p-Isopropyltoluene	54.4	5.00	50.00	0	108.8	0	200	54.24	0.276	20	
Propionitrile	479	50.0	500.0	0	95.8	0	200	447.9	6.66	20	
sec-Butylbenzene	52.1	5.00	50.00	0	104.1	0	200	52.13	0.115	20	
Styrene	50.8	5.00	50.00	0	101.7	0	200	50.66	0.355	20	
tert-Butylbenzene	51.4	5.00	50.00	0	102.7	0	200	51.55	0.369	20	
Tetrachloroethene	56.3	5.00	50.00	0	112.7	74.6	115	55.07	2.26	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-D-A101124-1</b>		SampType: <b>LCS-D</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/24/2010</b>			RunNo: <b>142920</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64592</b>		<b>SW5035</b>		Analysis Date: <b>11/24/2010</b>			SeqNo: <b>2803032</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrahydrofuran	46	50.0	50.00	0	91.3	0	200	43.69	0	20	J
Toluene	49.4	5.00	50.00	0	98.7	79.1	112	49.03	0.651	20	
trans-1,2-Dichloroethene	53.4	5.00	50.00	0	106.9	0	200	53.61	0.299	20	
trans-1,3-Dichloropropene	50.3	4.00	50.00	0	100.6	0	200	49.12	2.37	20	
trans-1,4-Dichloro-2-butene	46.9	10.0	50.00	0	93.9	0	200	45.20	3.78	20	
Trichloroethene	57.7	5.00	50.00	0	115.4	81	111	57.19	0.922	20	S
Trichlorofluoromethane	56.0	5.00	50.00	0	112.1	0	200	55.75	0.519	20	
Vinyl acetate	44	50.0	50.00	0	88.9	0	200	43.57	0	20	J
Vinyl chloride	49.2	2.00	50.00	0	98.5	0	200	49.35	0.203	20	
Surr: 1,2-Dichloroethane-d4	49.9		50.00		99.8	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.6		50.00		101.2	82.1	116		0	20	
Surr: Dibromofluoromethane	52.2		50.00		104.4	77.7	120		0	20	
Surr: Toluene-d8	47.5		50.00		94.9	86	116		0	20	

Sample ID: <b>LCS-G-A101124-1</b>		SampType: <b>LCS-G</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/24/2010</b>			RunNo: <b>142920</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64592</b>		<b>SW5035</b>		Analysis Date: <b>11/24/2010</b>			SeqNo: <b>2803034</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	1880	1000	2000	0	93.9	70	130				
Surr: 1,2-Dichloroethane-d4	50.9		50.00		101.8	61	128				
Surr: 4-Bromofluorobenzene	52.8		50.00		105.7	78.2	117				
Surr: Dibromofluoromethane	50.3		50.00		100.7	66.6	130				
Surr: Toluene-d8	48.6		50.00		97.1	80.1	122				

Sample ID: <b>LCS-G-D-A101124-1</b>		SampType: <b>LCS-G-D</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/24/2010</b>			RunNo: <b>142920</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64592</b>		<b>SW5035</b>		Analysis Date: <b>11/24/2010</b>			SeqNo: <b>2803035</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	2020	1000	2000	0	100.9	70	130	1878	7.18	20	
Surr: 1,2-Dichloroethane-d4	50.2		50.00		100.4	61	128		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCSGD-A101124-1</b>	SampType: <b>LCSGD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142920</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64592</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803035</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	52.7		50.00		105.5	78.2	117		0	0	
Surr: Dibromofluoromethane	50.4		50.00		100.7	66.6	130		0	0	
Surr: Toluene-d8	48.4		50.00		96.8	80.1	122		0	0	

Sample ID: <b>MBLK-A101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142920</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64592</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803036</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: A831-735002-012901-225Ameren Champaign 62409080120

Test Number: SW8260B

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>MBLK-A101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142920</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64592</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803036</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									
Acetonitrile	ND	100									
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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10111049

Report Date: 03-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	1.4	5.00									J
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									

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>MBLK-A101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142920</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64592</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803036</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.00									
trans-1,2-Dichloroethene	ND	5.00									
trans-1,3-Dichloropropene	ND	4.00									
trans-1,4-Dichloro-2-butene	ND	10.0									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Gasoline Range Organics (OA-1)	ND	1000									
Surr: 1,2-Dichloroethane-d4	52.5		50.00		105.0	72.2	131				
Surr: 4-Bromofluorobenzene	53.3		50.00		106.5	82.1	116				
Surr: Dibromofluoromethane	52.6		50.00		105.1	77.7	120				
Surr: Toluene-d8	48.4		50.00		96.7	86	116				

Sample ID: <b>LCS-A101124-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142931</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64595</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803227</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.7	5.00	50.00	0	101.3	0	200				
1,1,1-Trichloroethane	54.9	5.00	50.00	0	109.8	85.8	124				
1,1,2,2-Tetrachloroethane	47.1	5.00	50.00	0	94.2	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	59.2	5.00	50.00	0	118.5	0	200				
1,1,2-Trichloroethane	50.4	5.00	50.00	0	100.7	0	200				
1,1-Dichloro-2-propanone	102	50.0	125.0	0	81.8	0	200				
1,1-Dichloroethane	51.5	5.00	50.00	0	102.9	0	200				
1,1-Dichloroethene	56.8	5.00	50.00	0	113.6	60.1	131				
1,1-Dichloropropene	53.7	5.00	50.00	0	107.4	0	200				
1,2,3-Trichlorobenzene	57.7	5.00	50.00	0	115.3	0	200				
1,2,3-Trichloropropane	48.4	10.0	50.00	0	96.8	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: LCS-A101124-1	SampType: LCS	Units: µg/Kg				Prep Date: 11/24/2010	RunNo: 142931				
Client ID: ZZZZZZ	Batch ID: 64595	SW5035				Analysis Date: 11/24/2010	SeqNo: 2803227				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trimethylbenzene	50.3	5.00	50.00	0	100.6	0	200				
1,2,4-Trichlorobenzene	61.9	5.00	50.00	0	123.9	0	200				
1,2,4-Trimethylbenzene	51.9	5.00	50.00	0	103.8	0	200				
1,2-Dibromo-3-chloropropane	49.5	5.00	50.00	0	99.0	0	200				
1,2-Dibromoethane	50.4	5.00	50.00	0	100.9	86.9	119				
1,2-Dichlorobenzene	52.2	5.00	50.00	0	104.5	88	119				
1,2-Dichloroethane	51.8	5.00	50.00	0	103.7	73	117				
1,2-Dichloropropane	51.0	5.00	50.00	0	102.0	0	200				
1,3,5-Trimethylbenzene	52.8	5.00	50.00	0	105.7	0	200				
1,3-Dichlorobenzene	53.4	5.00	50.00	0	106.7	85.8	125				
1,3-Dichloropropane	47.1	5.00	50.00	0	94.1	0	200				
1,4-Dichlorobenzene	52.1	5.00	50.00	0	104.3	84.5	124				
1-Chlorobutane	47.9	5.00	50.00	0	95.8	0	200				
2,2-Dichloropropane	54.3	5.00	50.00	0	108.5	0	200				
2-Butanone	135	50.0	125.0	0	107.8	45.3	136				
2-Chlorotoluene	50.9	5.00	50.00	0	101.8	0	200				
2-Hexanone	122	50.0	125.0	0	97.7	0	200				
2-Nitropropane	477	50.0	500.0	0	95.4	0	200				
4-Chlorotoluene	51.9	5.00	50.00	0	103.8	0	200				
4-Methyl-2-pentanone	112	50.0	125.0	0	89.8	0	200				
Acetone	196	50.0	125.0	0	157.2	0	200				
Acetonitrile	437	100	500.0	0	87.5	0	200				
Acrylonitrile	44.2	10.0	50.00	0	88.3	0	200				
Allyl chloride	52.0	5.00	50.00	0	104.1	0	200				
Benzene	51.7	1.00	50.00	0	103.5	73.9	109				
Bromobenzene	52.2	5.00	50.00	0	104.4	0	200				
Bromochloromethane	49.5	5.00	50.00	0	99.0	0	200				
Bromodichloromethane	53.8	5.00	50.00	0	107.6	91.3	126				
Bromoform	49.3	5.00	50.00	0	98.5	0	200				
Bromomethane	27.2	10.0	50.00	0	54.3	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-A101124-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142931</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64595</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803227</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	55.2	5.00	50.00	0	110.4	0	200				
Carbon tetrachloride	55.6	5.00	50.00	0	111.3	83.3	127				
Chlorobenzene	51.1	5.00	50.00	0	102.2	85.8	116				
Chloroethane	55.2	10.0	50.00	0	110.4	0	200				
Chloroform	53.7	5.00	50.00	0	107.3	80	113				
Chloromethane	40.2	10.0	50.00	0	80.4	0	200				
cis-1,2-Dichloroethene	52.9	5.00	50.00	0	105.8	0	200				
cis-1,3-Dichloropropene	52.4	4.00	50.00	0	104.8	0	200				
Cyclohexanone	235	100	250.0	0	94.1	0	200				
Dibromochloromethane	52.8	5.00	50.00	0	105.6	89.1	119				
Dibromomethane	51.9	5.00	50.00	0	103.8	0	200				
Dichlorodifluoromethane	48.9	10.0	50.00	0	97.7	0	200				
Ethyl acetate	42	50.0	50.00	0	83.6	0	200				J
Ethyl ether	53.9	5.00	50.00	0	107.7	0	200				
Ethyl methacrylate	47.6	5.00	50.00	0	95.3	0	200				
Ethylbenzene	50.1	5.00	50.00	0	100.2	84.1	115				
Heptane	54.4	20.0	50.00	0	108.8	0	200				
Hexachlorobutadiene	59.0	5.00	50.00	0	118.0	0	200				
Hexachloroethane	50.1	5.00	50.00	0	100.2	0	200				
Iodomethane	44.4	10.0	50.00	0	88.9	0	200				
Isopropylbenzene	51.0	5.00	50.00	0	102.0	0	200				
m,p-Xylenes	102	5.00	100.0	0	101.6	79.1	111				
Methacrylonitrile	47	50.0	50.00	0	94.6	0	200				J
Methyl Methacrylate	49.7	5.00	50.00	0	99.4	0	200				
Methyl tert-butyl ether	52.4	2.00	50.00	0	104.9	80	128				
Methylacrylate	46.7	10.0	50.00	0	93.4	0	200				
Methylene chloride	51.3	5.00	50.00	0	102.7	73.9	116				
Naphthalene	51.9	10.0	50.00	0	103.7	73.1	135				
n-Butylbenzene	54.9	5.00	50.00	0	109.8	0	200				
n-Hexane	54.9	20.0	50.00	0	109.8	0	200				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-A101124-1</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/24/2010</b>		RunNo: <b>142931</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>64595</b>		<b>SW5035</b>		Analysis Date: <b>11/24/2010</b>		SeqNo: <b>2803227</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrobenzene	462	100	500.0	0	92.3	0	200				
n-Propylbenzene	52.2	5.00	50.00	0	104.4	0	200				
o-Xylene	49.3	5.00	50.00	0	98.6	82	117				
Pentachloroethane	50.6	5.00	50.00	0	101.3	0	200				
p-Isopropyltoluene	54.2	5.00	50.00	0	108.5	0	200				
Propionitrile	448	50.0	500.0	0	89.6	0	200				
sec-Butylbenzene	52.1	5.00	50.00	0	104.3	0	200				
Styrene	50.7	5.00	50.00	0	101.3	0	200				
tert-Butylbenzene	51.6	5.00	50.00	0	103.1	0	200				
Tetrachloroethene	55.1	5.00	50.00	0	110.1	74.6	115				
Tetrahydrofuran	44	50.0	50.00	0	87.4	0	200				J
Toluene	49.0	5.00	50.00	0	98.1	79.1	112				
trans-1,2-Dichloroethene	53.6	5.00	50.00	0	107.2	0	200				
trans-1,3-Dichloropropene	49.1	4.00	50.00	0	98.2	0	200				
trans-1,4-Dichloro-2-butene	45.2	10.0	50.00	0	90.4	0	200				
Trichloroethene	57.2	5.00	50.00	0	114.4	81	111				S
Trichlorofluoromethane	55.8	5.00	50.00	0	111.5	0	200				
Vinyl acetate	44	50.0	50.00	0	87.1	0	200				J
Vinyl chloride	49.4	2.00	50.00	0	98.7	0	200				
Surr: 1,2-Dichloroethane-d4	49.8		50.00		99.7	72.2	131				
Surr: 4-Bromofluorobenzene	51.1		50.00		102.2	82.1	116				
Surr: Dibromofluoromethane	52.2		50.00		104.5	77.7	120				
Surr: Toluene-d8	48.1		50.00		96.2	86	116				

Sample ID: <b>LCSD-A101124-1</b>		SampType: <b>LCSD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/24/2010</b>		RunNo: <b>142931</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>64595</b>		<b>SW5035</b>		Analysis Date: <b>11/24/2010</b>		SeqNo: <b>2803228</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.6	5.00	50.00	0	101.3	0	200	50.66	0.0395	20	
1,1,1-Trichloroethane	55.1	5.00	50.00	0	110.2	85.8	124	54.89	0.382	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: LCSD-A101124-1	SampType: LCSD	Units: µg/Kg				Prep Date: 11/24/2010	RunNo: 142931				
Client ID: ZZZZZZ	Batch ID: 64595	SW5035				Analysis Date: 11/24/2010	SeqNo: 2803228				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	49.1	5.00	50.00	0	98.2	0	200	47.10	4.16	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	59.4	5.00	50.00	0	118.7	0	200	59.24	0.219	20	
1,1,2-Trichloroethane	51.5	5.00	50.00	0	103.0	0	200	50.37	2.26	20	
1,1-Dichloro-2-propanone	109	50.0	125.0	0	87.4	0	200	102.2	6.65	20	
1,1-Dichloroethane	51.6	5.00	50.00	0	103.1	0	200	51.46	0.175	20	
1,1-Dichloroethene	57.6	5.00	50.00	0	115.1	60.1	131	56.81	1.33	20	
1,1-Dichloropropene	53.8	5.00	50.00	0	107.5	0	200	53.69	0.112	20	
1,2,3-Trichlorobenzene	58.5	5.00	50.00	0	117.1	0	200	57.67	1.48	20	
1,2,3-Trichloropropane	49.9	10.0	50.00	0	99.9	0	200	48.39	3.13	20	
1,2,3-Trimethylbenzene	50.4	5.00	50.00	0	100.9	0	200	50.31	0.278	20	
1,2,4-Trichlorobenzene	62.2	5.00	50.00	0	124.4	0	200	61.93	0.419	20	
1,2,4-Trimethylbenzene	52.0	5.00	50.00	0	104.0	0	200	51.90	0.212	20	
1,2-Dibromo-3-chloropropane	54.1	5.00	50.00	0	108.3	0	200	49.50	8.95	20	
1,2-Dibromoethane	52.1	5.00	50.00	0	104.2	86.9	119	50.45	3.20	20	
1,2-Dichlorobenzene	52.3	5.00	50.00	0	104.6	88	119	52.25	0.115	20	
1,2-Dichloroethane	53.2	5.00	50.00	0	106.4	73	117	51.84	2.57	20	
1,2-Dichloropropane	51.0	5.00	50.00	0	102.0	0	200	50.99	0.0196	20	
1,3,5-Trimethylbenzene	52.8	5.00	50.00	0	105.5	0	200	52.83	0.152	20	
1,3-Dichlorobenzene	53.7	5.00	50.00	0	107.3	85.8	125	53.37	0.542	20	
1,3-Dichloropropane	48.6	5.00	50.00	0	97.2	0	200	47.07	3.24	20	
1,4-Dichlorobenzene	51.9	5.00	50.00	0	103.8	84.5	124	52.14	0.442	20	
1-Chlorobutane	48.6	5.00	50.00	0	97.2	0	200	47.90	1.41	20	
2,2-Dichloropropane	53.8	5.00	50.00	0	107.7	0	200	54.27	0.777	20	
2-Butanone	144	50.0	125.0	0	115.4	45.3	136	134.8	6.82	20	
2-Chlorotoluene	50.7	5.00	50.00	0	101.5	0	200	50.89	0.315	20	
2-Hexanone	126	50.0	125.0	0	100.8	0	200	122.1	3.18	20	
2-Nitropropane	516	50.0	500.0	0	103.1	0	200	476.9	7.82	20	
4-Chlorotoluene	51.9	5.00	50.00	0	103.7	0	200	51.88	0.0193	20	
4-Methyl-2-pentanone	118	50.0	125.0	0	94.6	0	200	112.2	5.16	20	
Acetone	208	50.0	125.0	0	166.7	0	200	196.5	5.89	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-D-A101124-1</b>	SampType: <b>LCS-D</b>					Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>			RunNo: <b>142931</b>	
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64595</b>					<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>			SeqNo: <b>2803228</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetonitrile	476	100	500.0	0	95.2	0	200	437.3	8.43	20	
Acrylonitrile	47.5	10.0	50.00	0	95.0	0	200	44.17	7.31	20	
Allyl chloride	52.2	5.00	50.00	0	104.3	0	200	52.05	0.211	20	
Benzene	51.7	1.00	50.00	0	103.3	73.9	109	51.74	0.135	20	
Bromobenzene	52.1	5.00	50.00	0	104.1	0	200	52.20	0.249	20	
Bromochloromethane	49.6	5.00	50.00	0	99.1	0	200	49.51	0.0808	20	
Bromodichloromethane	54.5	5.00	50.00	0	109.0	91.3	126	53.78	1.31	20	
Bromoform	51.4	5.00	50.00	0	102.8	0	200	49.27	4.23	20	
Bromomethane	28.3	10.0	50.00	0	56.6	0	200	27.16	4.08	20	
Carbon disulfide	55.4	5.00	50.00	0	110.7	0	200	55.20	0.289	20	
Carbon tetrachloride	55.9	5.00	50.00	0	111.8	83.3	127	55.63	0.502	20	
Chlorobenzene	51.3	5.00	50.00	0	102.6	85.8	116	51.11	0.352	20	
Chloroethane	53.2	10.0	50.00	0	106.3	0	200	55.19	3.77	20	
Chloroform	54.0	5.00	50.00	0	108.1	80	113	53.66	0.687	20	
Chloromethane	38.8	10.0	50.00	0	77.6	0	200	40.22	3.54	20	
cis-1,2-Dichloroethene	53.3	5.00	50.00	0	106.5	0	200	52.88	0.716	20	
cis-1,3-Dichloropropene	52.9	4.00	50.00	0	105.9	0	200	52.40	1.03	20	
Cyclohexanone	238	100	250.0	0	95.2	0	200	235.4	1.16	20	
Dibromochloromethane	54.0	5.00	50.00	0	107.9	89.1	119	52.82	2.12	20	
Dibromomethane	53.0	5.00	50.00	0	106.0	0	200	51.91	2.08	20	
Dichlorodifluoromethane	48.9	10.0	50.00	0	97.8	0	200	48.86	0.102	20	
Ethyl acetate	44	50.0	50.00	0	88.4	0	200	41.79	0	20	J
Ethyl ether	54.5	5.00	50.00	0	109.0	0	200	53.87	1.14	20	
Ethyl methacrylate	49.0	5.00	50.00	0	98.0	0	200	47.65	2.83	20	
Ethylbenzene	50.5	5.00	50.00	0	100.9	84.1	115	50.11	0.696	20	
Heptane	52.8	20.0	50.00	0	105.6	0	200	54.39	2.97	20	
Hexachlorobutadiene	58.6	5.00	50.00	0	117.3	0	200	58.99	0.612	20	
Hexachloroethane	50.3	5.00	50.00	0	100.6	0	200	50.10	0.379	20	
Iodomethane	46.7	10.0	50.00	0	93.4	0	200	44.45	4.89	20	
Isopropylbenzene	51.3	5.00	50.00	0	102.6	0	200	50.99	0.626	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCSD-A101124-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>			RunNo: <b>142931</b>		
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64595</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>			SeqNo: <b>2803228</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylenes	102	5.00	100.0	0	102.1	79.1	111	101.6	0.481	20	
Methacrylonitrile	50.0	50.0	50.00	0	100.1	0	200	47.31	5.61	20	
Methyl Methacrylate	52.7	5.00	50.00	0	105.3	0	200	49.69	5.80	20	
Methyl tert-butyl ether	53.4	2.00	50.00	0	106.7	80	128	52.45	1.74	20	
Methylacrylate	49.3	10.0	50.00	0	98.7	0	200	46.68	5.52	20	
Methylene chloride	52.0	5.00	50.00	0	104.1	73.9	116	51.34	1.35	20	
Naphthalene	54.1	10.0	50.00	0	108.3	73.1	135	51.87	4.26	20	
n-Butylbenzene	54.4	5.00	50.00	0	108.8	0	200	54.91	0.933	20	
n-Hexane	53.5	20.0	50.00	0	107.1	0	200	54.90	2.51	20	
Nitrobenzene	501	100	500.0	0	100.2	0	200	461.6	8.22	20	
n-Propylbenzene	52.1	5.00	50.00	0	104.2	0	200	52.21	0.249	20	
o-Xylene	49.5	5.00	50.00	0	99.0	82	117	49.28	0.445	20	
Pentachloroethane	50.1	5.00	50.00	0	100.1	0	200	50.64	1.13	20	
p-Isopropyltoluene	54.4	5.00	50.00	0	108.8	0	200	54.24	0.276	20	
Propionitrile	479	50.0	500.0	0	95.8	0	200	447.9	6.66	20	
sec-Butylbenzene	52.1	5.00	50.00	0	104.1	0	200	52.13	0.115	20	
Styrene	50.8	5.00	50.00	0	101.7	0	200	50.66	0.355	20	
tert-Butylbenzene	51.4	5.00	50.00	0	102.7	0	200	51.55	0.369	20	
Tetrachloroethene	56.3	5.00	50.00	0	112.7	74.6	115	55.07	2.26	20	
Tetrahydrofuran	46	50.0	50.00	0	91.3	0	200	43.69	0	20	J
Toluene	49.4	5.00	50.00	0	98.7	79.1	112	49.03	0.651	20	
trans-1,2-Dichloroethene	53.4	5.00	50.00	0	106.9	0	200	53.61	0.299	20	
trans-1,3-Dichloropropene	50.3	4.00	50.00	0	100.6	0	200	49.12	2.37	20	
trans-1,4-Dichloro-2-butene	46.9	10.0	50.00	0	93.9	0	200	45.20	3.78	20	
Trichloroethene	57.7	5.00	50.00	0	115.4	81	111	57.19	0.922	20	S
Trichlorofluoromethane	56.0	5.00	50.00	0	112.1	0	200	55.75	0.519	20	
Vinyl acetate	44	50.0	50.00	0	88.9	0	200	43.57	0	20	J
Vinyl chloride	49.2	2.00	50.00	0	98.5	0	200	49.35	0.203	20	
Surr: 1,2-Dichloroethane-d4	49.9		50.00		99.8	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.6		50.00		101.2	82.1	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-D-A101124-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142931</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64595</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803228</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Dibromofluoromethane	52.2		50.00		104.4	77.7	120		0	20	
Surr: Toluene-d8	47.5		50.00		94.9	86	116		0	20	

Sample ID: <b>LCS-G-A101124-1</b>	SampType: <b>LCS-G</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142931</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64595</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803230</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline Range Organics (OA-1)	1880	1000	2000	0	93.9	70	130				
Surr: 1,2-Dichloroethane-d4	50.9		50.00		101.8	61	128				
Surr: 4-Bromofluorobenzene	52.8		50.00		105.7	78.2	117				
Surr: Dibromofluoromethane	50.3		50.00		100.7	66.6	130				
Surr: Toluene-d8	48.6		50.00		97.1	80.1	122				

Sample ID: <b>LCS-G-D-A101124-1</b>	SampType: <b>LCS-G-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142931</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64595</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803231</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline Range Organics (OA-1)	2020	1000	2000	0	100.9	70	130	1878	7.18	20	
Surr: 1,2-Dichloroethane-d4	50.2		50.00		100.4	61	128		0	0	
Surr: 4-Bromofluorobenzene	52.7		50.00		105.5	78.2	117		0	0	
Surr: Dibromofluoromethane	50.4		50.00		100.7	66.6	130		0	0	
Surr: Toluene-d8	48.4		50.00		96.8	80.1	122		0	0	

Sample ID: <b>MBLK-A101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142931</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64595</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803232</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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>MBLK-A101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142931</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64595</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803232</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10111049

Report Date: 03-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetonitrile	ND	100									
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									
Iodomethane	ND	10.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8260B

Lab Order: 10111049

Report Date: 03-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MBLK-A101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142931</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64595</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803232</b>							
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	1.4	5.00									J
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									
trans-1,4-Dichloro-2-butene	ND	10.0									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Gasoline Range Organics (OA-1)	ND	1000									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8260B**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>MBLK-A101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142931</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64595</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803232</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	52.5		50.00		105.0	72.2	131				
Surr: 4-Bromofluorobenzene	53.3		50.00		106.5	82.1	116				
Surr: Dibromofluoromethane	52.6		50.00		105.1	77.7	120				
Surr: Toluene-d8	48.4		50.00		96.7	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8270C

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>MB-64573</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>143125</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64573</b>	<b>SW3550B</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807661</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	0.034									
Acenaphthylene	ND	0.034									
Aniline	ND	0.500									
Anthracene	ND	0.034									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8270C

Lab Order: 10111049

Report Date: 03-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MB-64573</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>143125</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64573</b>	<b>SW3550B</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807661</b>							
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.034									
Benzo(a)pyrene	ND	0.034									
Benzo(b)fluoranthene	ND	0.034									
Benzo(g,h,i)perylene	ND	0.034									
Benzo(k)fluoranthene	ND	0.034									
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	0.034									
Dibenzo(a,h)anthracene	ND	0.034									
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	0.034									
Fluorene	ND	0.034									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.034									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>MB-64573</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>143125</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64573</b>	<b>SW3550B</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807661</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	0.034									
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	0.034									
Phenol	ND	0.350									
Pyrene	ND	0.034									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.44		1.670		86.3	52.1	113				
Surr: 2-Fluorobiphenyl	0.632		0.8350		75.7	46.3	106				
Surr: 2-Fluorophenol	1.30		1.670		78.1	50.6	89				
Surr: Nitrobenzene-d5	0.569		0.8350		68.1	42.4	99.2				
Surr: Phenol-d5	1.39		1.670		83.3	55.9	98.5				
Surr: p-Terphenyl-d14	0.659		0.8350		78.9	45.5	115				

Sample ID: <b>LCS-64573</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>143125</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64573</b>	<b>SW3550B</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807662</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.28	0.500	1.670	0	76.4	43.9	92.2				
1,4-Dichlorobenzene	1.11	0.500	1.670	0	66.3	43.8	84.1				
2,4,5-Trichlorophenol	2.87	0.350	3.330	0	86.1	38.6	123				
2,4,6-Trichlorophenol	2.82	0.350	3.330	0	84.6	35.9	123				
2,4-Dimethylphenol	1.75	0.500	3.330	0	52.4	38.3	88				
2,4-Dinitrophenol	2.55	1.00	3.330	0	76.5	1.88	162				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-64573</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>143125</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64573</b>	<b>SW3550B</b>				Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807662</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.47	0.350	1.670	0	88.2	48.6	102				
2-Chlorophenol	2.35	0.500	3.330	0	70.5	46.6	84				
4-Chloro-3-methylphenol	2.52	0.500	3.330	0	75.8	51.5	94.9				
4-Nitrophenol	2.60	0.350	3.330	0	78.0	53.2	104				
Acenaphthene	1.21	0.034	1.670	0	72.3	50.8	113				
Acenaphthylene	1.35	0.034	1.670	0	81.0	52.8	121				
Anthracene	1.21	0.034	1.670	0	72.2	53.3	115				
Benzo(a)anthracene	1.30	0.034	1.670	0	78.0	62.3	110				
Benzo(a)pyrene	1.25	0.034	1.670	0	75.0	58.2	109				
Benzo(b)fluoranthene	1.33	0.034	1.670	0	79.4	51.8	107				
Benzo(g,h,i)perylene	1.34	0.034	1.670	0	80.1	49.6	121				
Benzo(k)fluoranthene	1.35	0.034	1.670	0	80.9	63.1	129				
Bis(2-ethylhexyl)phthalate	1.29	0.350	1.670	0	77.0	56.3	109				
Chrysene	1.98	0.034	1.670	0	118.4	58.4	115				S
Dibenzo(a,h)anthracene	1.39	0.034	1.670	0	83.2	54.9	120				
Diethyl phthalate	2.54	0.500	3.330	0	76.4	51.7	106				
Dimethyl phthalate	2.63	0.350	3.330	0	79.0	58.8	104				
Di-n-butyl phthalate	1.28	0.350	1.670	0	76.7	54.3	105				
Fluoranthene	1.36	0.034	1.670	0	81.2	61.6	113				
Fluorene	1.31	0.034	1.670	0	78.7	52.2	116				
Hexachlorobenzene	3.15	0.350	3.330	0	94.6	55.9	106				
Hexachlorobutadiene	2.60	0.500	3.330	0	78.2	35.7	100				
Hexachloroethane	2.12	0.500	3.330	0	63.8	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.30	0.034	1.670	0	78.0	52.7	115				
m,p-Cresol	1.31	0.500	1.670	0	78.4	37.6	93.7				
Naphthalene	1.20	0.034	1.670	0	72.0	45.7	101				
Nitrobenzene	2.07	0.500	3.330	0	62.1	51.8	104				
N-Nitroso-di-n-propylamine	1.33	0.500	1.670	0	79.5	49.1	94.5				
o-Cresol	1.41	0.500	1.670	0	84.7	43	101				
Pentachlorophenol	2.91	2.00	3.330	0	87.5	42.2	102				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8270C

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: LCS-64573	SampType: LCS	Units: mg/Kg				Prep Date: 11/23/2010	RunNo: 143125				
Client ID: ZZZZZZ	Batch ID: 64573	SW3550B				Analysis Date: 12/1/2010	SeqNo: 2807662				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.27	0.034	1.670	0	75.8	52.9	113				
Phenol	2.36	0.350	3.330	0	70.7	41.6	81.3				
Pyrene	1.34	0.034	1.670	0	80.1	60.7	115				
Pyridine	2.19	0.500	3.330	0	65.8	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.55		1.670		92.6	52.1	113				
Surr: 2-Fluorobiphenyl	0.623		0.8350		74.6	46.3	106				
Surr: 2-Fluorophenol	1.22		1.670		72.9	50.6	89				
Surr: Nitrobenzene-d5	0.752		0.8350		90.0	42.4	99.2				
Surr: Phenol-d5	1.21		1.670		72.4	55.9	98.5				
Surr: p-Terphenyl-d14	0.650		0.8350		77.8	45.5	115				

Sample ID: 10111049-001AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 11/23/2010	RunNo: 143125				
Client ID: P6-H2-F (19)MS	Batch ID: 64573	SW3550B				Analysis Date: 12/1/2010	SeqNo: 2807666				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.36	0.548	1.829	0	74.6	35.9	102				
1,4-Dichlorobenzene	1.20	0.548	1.829	0	65.6	29.8	95.5				
2,4,5-Trichlorophenol	2.62	0.383	3.647	0	71.7	38.6	123				
2,4,6-Trichlorophenol	2.80	0.383	3.647	0	76.8	35.9	123				
2,4-Dimethylphenol	2.35	0.548	3.647	0	64.4	38.3	88				
2,4-Dinitrophenol	1.59	1.10	3.647	0	43.7	1.88	162				
2,4-Dinitrotoluene	1.55	0.383	1.829	0	84.7	37.5	107				
2-Chlorophenol	2.41	0.548	3.647	0	66.2	22.6	108				
4-Chloro-3-methylphenol	2.76	0.548	3.647	0	75.7	19.3	131				
4-Nitrophenol	2.49	0.383	3.647	0	68.1	27.6	123				
Diethyl phthalate	2.63	0.548	3.647	0	72.0	51.7	106				
Dimethyl phthalate	2.65	0.383	3.647	0	72.7	58.8	104				
Di-n-butyl phthalate	1.38	0.383	1.829	0	75.3	54.3	105				
Hexachlorobenzene	3.14	0.383	3.647	0	86.0	55.9	106				
Hexachlorobutadiene	2.79	0.548	3.647	0	76.4	35.7	100				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>10111049-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/23/2010</b>		RunNo: <b>143125</b>			
Client ID: <b>P6-H2-F (19)MS</b>		Batch ID: <b>64573</b>		<b>SW3550B</b>		Analysis Date: <b>12/1/2010</b>		SeqNo: <b>2807666</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	2.24	0.548	3.647	0	61.3	38.9	89.9				
m,p-Cresol	1.39	0.548	1.829	0	76.0	37.6	93.7				
Nitrobenzene	2.42	0.548	3.647	0	66.4	51.8	104				
N-Nitroso-di-n-propylamine	1.38	0.548	1.829	0	75.5	45.5	99.1				
o-Cresol	1.55	0.548	1.829	0	84.5	43	101				
Pentachlorophenol	1.8	2.19	3.647	0	49.5	18.5	113				J
Phenol	2.62	0.383	3.647	0	72.0	20.8	110				
Pyridine	2.37	0.548	3.647	0	65.0	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.07		1.829		58.3	32.7	130				
Surr: 2-Fluorobiphenyl	0.573		0.9144		62.7	34.1	116				
Surr: 2-Fluorophenol	1.16		1.829		63.2	30.5	99				
Surr: Nitrobenzene-d5	0.803		0.9144		87.8	34.1	101				
Surr: Phenol-d5	1.22		1.829		67.0	34.9	110				
Surr: p-Terphenyl-d14	0.632		0.9144		69.1	41.7	124				

Sample ID: <b>10111049-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/23/2010</b>		RunNo: <b>143125</b>			
Client ID: <b>P6-H2-F (19)MSD</b>		Batch ID: <b>64573</b>		<b>SW3550B</b>		Analysis Date: <b>12/1/2010</b>		SeqNo: <b>2807667</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.33	0.548	1.831	0	72.4	35.9	102	1.364	2.87	40	
1,4-Dichlorobenzene	1.33	0.548	1.831	0	72.6	29.8	95.5	1.201	10.2	40	
2,4,5-Trichlorophenol	2.42	0.384	3.650	0	66.2	38.6	123	2.616	7.96	40	
2,4,6-Trichlorophenol	2.64	0.384	3.650	0	72.4	35.9	123	2.802	5.87	40	
2,4-Dimethylphenol	2.24	0.548	3.650	0	61.4	38.3	88	2.348	4.63	40	
2,4-Dinitrophenol	1.36	1.10	3.650	0	37.3	1.88	162	1.594	15.8	40	
2,4-Dinitrotoluene	1.56	0.384	1.831	0	85.1	37.5	107	1.550	0.571	40	
2-Chlorophenol	2.58	0.548	3.650	0	70.6	22.6	108	2.414	6.59	40	
4-Chloro-3-methylphenol	2.83	0.548	3.650	0	77.6	19.3	131	2.760	2.62	40	
4-Nitrophenol	2.60	0.384	3.650	0	71.1	27.6	123	2.485	4.33	40	
Diethyl phthalate	2.81	0.548	3.650	0	77.0	51.7	106	2.625	6.81	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>10111049-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/23/2010</b>		RunNo: <b>143125</b>			
Client ID: <b>P6-H2-F (19)MSD</b>		Batch ID: <b>64573</b>		<b>SW3550B</b>		Analysis Date: <b>12/1/2010</b>		SeqNo: <b>2807667</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	2.88	0.384	3.650	0	78.8	58.8	104	2.651	8.22	40	
Di-n-butyl phthalate	1.65	0.384	1.831	0	90.1	54.3	105	1.376	18.0	40	
Hexachlorobenzene	3.83	0.384	3.650	0	104.8	55.9	106	3.137	19.8	40	
Hexachlorobutadiene	2.85	0.548	3.650	0	78.0	35.7	100	2.786	2.17	40	
Hexachloroethane	2.39	0.548	3.650	0	65.3	38.9	89.9	2.237	6.41	40	
m,p-Cresol	1.52	0.548	1.831	0	82.8	37.6	93.7	1.390	8.67	40	
Nitrobenzene	2.50	0.548	3.650	0	68.4	51.8	104	2.422	3.10	40	
N-Nitroso-di-n-propylamine	1.58	0.548	1.831	0	86.4	45.5	99.1	1.380	13.5	40	
o-Cresol	1.67	0.548	1.831	0	91.1	43	101	1.546	7.63	40	
Pentachlorophenol	1.6	2.19	3.650	0	45.3	18.5	113	1.806	0	40	J
Phenol	2.82	0.384	3.650	0	77.2	20.8	110	2.624	7.15	40	
Pyridine	2.50	0.548	3.650	0	68.4	3.61	74.3	2.370	5.21	40	
Surr: 2,4,6-Tribromophenol	1.26		1.831		68.6	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	0.633		0.9153		69.2	34.1	116		0	40	
Surr: 2-Fluorophenol	1.31		1.831		71.7	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.835		0.9153		91.2	34.1	101		0	40	
Surr: Phenol-d5	1.36		1.831		74.4	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.749		0.9153		81.9	41.7	124		0	40	

Sample ID: <b>MB-64574</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>11/23/2010</b>		RunNo: <b>142925</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64574</b>		<b>SW3550B</b>		Analysis Date: <b>11/24/2010</b>		SeqNo: <b>2803550</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	ND	0.030									
2-Methylnaphthalene	ND	0.003									
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									



Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>MB-64574</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142925</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64574</b>	<b>SW3550B</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803550</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
m,p-Cresol	ND	0.010									
Naphthalene	ND	0.003									
o-Cresol	ND	0.003									
Phenanthrene	ND	0.003									
Phenol	ND	0.030									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.130		0.1670		77.7	31.6	101				
Surr: 2-Fluorophenol	0.304		0.3330		91.4	42.2	90.4				S
Surr: Nitrobenzene-d5	0.140		0.1670		83.9	22.2	110				
Surr: Phenol-d5	0.304		0.3330		91.4	44.6	93.7				
Surr: p-Terphenyl-d14	0.163		0.1670		97.3	34.5	120				

Sample ID: <b>LCS-64574</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142925</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64574</b>	<b>SW3550B</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803551</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	0.101	0.030	0.1670	0	60.7	50	150				
2-Methylnaphthalene	0.124	0.003	0.1670	0	74.0	50	150				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8270C

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-64574</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>11/23/2010</b>	RunNo: <b>142925</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64574</b>	<b>SW3550B</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803551</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.143	0.003	0.1670	0	85.4	56.3	115				
Acenaphthylene	0.147	0.003	0.1670	0	88.3	60.3	143				
Anthracene	0.130	0.003	0.1670	0	77.9	52.1	109				
Benzo(a)anthracene	0.132	0.003	0.1670	0	78.8	52.8	112				
Benzo(a)pyrene	0.141	0.003	0.1670	0	84.6	40.8	127				
Benzo(b)fluoranthene	0.146	0.003	0.1670	0	87.6	50.1	150				
Benzo(g,h,i)perylene	0.144	0.003	0.1670	0	86.0	52.8	145				
Benzo(k)fluoranthene	0.143	0.003	0.1670	0	85.8	52	153				
Bis(2-ethylhexyl)phthalate	0.180	0.067	0.1670	0	107.5	50	150				
Chrysene	0.146	0.003	0.1670	0	87.6	60.8	128				
Dibenzo(a,h)anthracene	0.146	0.003	0.1670	0	87.2	54.9	150				
Diethyl phthalate	0.147	0.034	0.1670	0	88.0	50	150				
Dimethyl phthalate	0.137	0.034	0.1670	0	81.8	50	150				
Di-n-butyl phthalate	0.154	0.034	0.1670	0	92.0	50	150				
Fluoranthene	0.142	0.003	0.1670	0	85.2	58.7	125				
Fluorene	0.141	0.003	0.1670	0	84.4	57.8	125				
Indeno(1,2,3-cd)pyrene	0.146	0.003	0.1670	0	87.6	52	147				
m,p-Cresol	0.154	0.010	0.1670	0	92.3	50	150				
Naphthalene	0.125	0.003	0.1670	0	75.1	54.8	113				
o-Cresol	0.144	0.003	0.1670	0	86.4	50	150				
Phenanthrene	0.137	0.003	0.1670	0	81.9	60.4	121				
Phenol	0.162	0.030	0.1670	0	96.8	50	150				
Pyrene	0.141	0.003	0.1670	0	84.5	57.9	129				
Surr: 2-Fluorobiphenyl	0.108		0.1670		65.0	31.6	101				
Surr: 2-Fluorophenol	0.261		0.3330		78.5	42.2	90.4				
Surr: Nitrobenzene-d5	0.104		0.1670		62.5	22.2	110				
Surr: Phenol-d5	0.295		0.3330		88.7	44.6	93.7				
Surr: p-Terphenyl-d14	0.144		0.1670		86.5	34.5	120				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>10111049-002AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/23/2010</b>		RunNo: <b>142925</b>			
Client ID: <b>P6-G3-F (19)MS</b>		Batch ID: <b>64574</b>		<b>SW3550B</b>		Analysis Date: <b>11/24/2010</b>		SeqNo: <b>2803554</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.138	0.004	0.1857	0	74.2	36	135				
Acenaphthylene	0.131	0.004	0.1857	0	70.8	17.2	167				
Anthracene	0.133	0.004	0.1857	0	71.6	39.3	124				
Benzo(a)anthracene	0.118	0.004	0.1857	0.005896	60.3	10	183				
Benzo(a)pyrene	0.130	0.004	0.1857	0	69.9	10	204				
Benzo(b)fluoranthene	0.126	0.004	0.1857	0	68.0	10.6	178				
Benzo(g,h,i)perylene	0.125	0.004	0.1857	0.008314	62.7	10	168				
Benzo(k)fluoranthene	0.122	0.004	0.1857	0	65.5	27.6	181				
Bis(2-ethylhexyl)phthalate	0.156	0.074	0.1857	0	83.8	50	150				
Chrysene	0.139	0.004	0.1857	0.005274	71.8	10	176				
Dibenzo(a,h)anthracene	0.124	0.004	0.1857	0	66.9	12.2	156				
Fluoranthene	0.131	0.004	0.1857	0	70.8	10	227				
Fluorene	0.129	0.004	0.1857	0	69.6	35.2	148				
Indeno(1,2,3-cd)pyrene	0.124	0.004	0.1857	0	66.6	10	164				
Naphthalene	0.134	0.004	0.1857	0	72.2	14.7	128				
Phenanthrene	0.140	0.004	0.1857	0.02183	63.9	32.8	143				
Pyrene	0.130	0.004	0.1857	0.006556	66.6	10	180				
Surr: 2-Fluorobiphenyl	0.108		0.1857		58.1	10	131				
Surr: Nitrobenzene-d5	0.120		0.1857		64.4	10	132				
Surr: p-Terphenyl-d14	0.125		0.1857		67.3	30.6	131				

Sample ID: <b>10111049-002AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/23/2010</b>		RunNo: <b>142925</b>			
Client ID: <b>P6-G3-F (19)MSD</b>		Batch ID: <b>64574</b>		<b>SW3550B</b>		Analysis Date: <b>11/24/2010</b>		SeqNo: <b>2803555</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.160	0.004	0.1840	0	87.1	36	135	0.1378	15.1	49.7	
Acenaphthylene	0.162	0.004	0.1840	0	87.8	17.2	167	0.1314	20.6	33.3	
Anthracene	0.149	0.004	0.1840	0	80.9	39.3	124	0.1329	11.4	51.1	
Benzo(a)anthracene	0.137	0.004	0.1840	0.005896	71.1	10	183	0.1179	14.8	40.6	
Benzo(a)pyrene	0.161	0.004	0.1840	0	87.7	10	204	0.1298	21.8	56.4	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>10111049-002AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/23/2010</b>		RunNo: <b>142925</b>			
Client ID: <b>P6-G3-F (19)MSD</b>		Batch ID: <b>64574</b>		<b>SW3550B</b>		Analysis Date: <b>11/24/2010</b>		SeqNo: <b>2803555</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	0.150	0.004	0.1840	0	81.6	10.6	178	0.1263	17.3	49.7	
Benzo(g,h,i)perylene	0.151	0.004	0.1840	0.008314	77.4	10	168	0.1247	18.9	36.5	
Benzo(k)fluoranthene	0.144	0.004	0.1840	0	78.4	27.6	181	0.1216	17.1	42.6	
Bis(2-ethylhexyl)phthalate	0.174	0.074	0.1840	0	94.4	50	150	0.1556	11.0	60.3	
Chrysene	0.155	0.004	0.1840	0.005274	81.2	10	176	0.1385	11.0	45.1	
Dibenzo(a,h)anthracene	0.150	0.004	0.1840	0	81.6	12.2	156	0.1243	18.9	39.9	
Fluoranthene	0.152	0.004	0.1840	0	82.8	10	227	0.1314	14.8	66.2	
Fluorene	0.147	0.004	0.1840	0	79.7	35.2	148	0.1292	12.7	65.6	
Indeno(1,2,3-cd)pyrene	0.150	0.004	0.1840	0	81.3	10	164	0.1237	19.0	36.5	
Naphthalene	0.145	0.004	0.1840	0	78.6	14.7	128	0.1340	7.66	39.6	
Phenanthrene	0.167	0.004	0.1840	0.02183	79.0	32.8	143	0.1404	17.4	35.4	
Pyrene	0.150	0.004	0.1840	0.006556	77.8	10	180	0.1302	13.9	60.1	
Surr: 2-Fluorobiphenyl	0.136		0.1840		74.0	10	131		0	40	
Surr: Nitrobenzene-d5	0.139		0.1840		75.3	10	132		0	40	
Surr: p-Terphenyl-d14	0.168		0.1840		91.1	30.6	131		0	40	

Sample ID: <b>MB-64573</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>11/23/2010</b>		RunNo: <b>142919</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64573</b>		<b>SW3550B</b>		Analysis Date: <b>11/24/2010</b>		SeqNo: <b>2804025</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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: **SW8270C**

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>MB-64573</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142919</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64573</b>	<b>SW3550B</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804025</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	0.715		0.8350		85.6	46.3	106				
Surr: Nitrobenzene-d5	0.712		0.8350		85.2	42.4	99.2				
Surr: p-Terphenyl-d14	0.822		0.8350		98.5	45.5	115				

Sample ID: <b>LCS-64573</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142919</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64573</b>	<b>SW3550B</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804026</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.34	0.0340	1.670	0	80.2	50.8	113				
Acenaphthylene	1.42	0.0340	1.670	0	85.0	52.8	121				
Anthracene	1.27	0.0340	1.670	0	75.9	53.3	115				
Benzo(a)anthracene	1.45	0.0340	1.670	0	86.7	62.3	110				
Benzo(a)pyrene	1.42	0.0340	1.670	0	85.2	58.2	109				
Benzo(b)fluoranthene	1.46	0.0340	1.670	0	87.3	51.8	107				
Benzo(g,h,i)perylene	1.14	0.0340	1.670	0	68.2	49.6	121				
Benzo(k)fluoranthene	1.58	0.0340	1.670	0	94.5	63.1	129				
Chrysene	1.41	0.0340	1.670	0	84.6	58.4	115				
Dibenzo(a,h)anthracene	1.18	0.0340	1.670	0	70.9	54.9	120				
Fluoranthene	1.41	0.0340	1.670	0	84.4	61.6	113				
Fluorene	1.35	0.0340	1.670	0	81.1	52.2	116				
Indeno(1,2,3-cd)pyrene	1.15	0.0340	1.670	0	69.0	52.7	115				
Naphthalene	1.16	0.0340	1.670	0	69.6	45.7	101				
Phenanthrene	1.34	0.0340	1.670	0	80.3	52.9	113				
Pyrene	1.45	0.0340	1.670	0	86.9	60.7	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW8270C

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>LCS-64573</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142919</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64573</b>	<b>SW3550B</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804026</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.681		0.8350		81.6	46.3	106				
Surr: Nitrobenzene-d5	0.711		0.8350		85.1	42.4	99.2				
Surr: p-Terphenyl-d14	0.798		0.8350		95.6	45.5	115				

Sample ID: <b>LCSDRO-64573</b>	SampType: <b>LCS</b>	Units: <b>%REC</b>	Prep Date: <b>11/23/2010</b>	RunNo: <b>142991</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64573</b>	<b>SW3550B</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804515</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.653		0.8350		78.2	46.3	106				
Surr: Nitrobenzene-d5	0.689		0.8350		82.6	42.4	99.2				
Surr: p-Terphenyl-d14	0.771		0.8350		92.3	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

Test Number: SW9012A (TCN) Solid

Lab Order: 10111049

Report Date: 03-Dec-10

Sample ID: <b>MB-R142986</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>142986</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142986</b>					Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804430</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-R142986</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>142986</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142986</b>					Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804431</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.03 0.01 0.02500 0 102.7 85 115

Sample ID: <b>10111049-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>142986</b>				
Client ID: <b>P6-G3-F (19)MS</b>	Batch ID: <b>R142986</b>					Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804438</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.32 0.50 1.255 0 105.2 75 125

Sample ID: <b>10111049-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>142986</b>				
Client ID: <b>P6-G3-F (19)MSD</b>	Batch ID: <b>R142986</b>					Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804439</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.17 0.54 1.302 0 89.9 75 125 1.321 12.0 15

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10111049

**Report Date:** 03-Dec-10

Carrier: Sean Spinner

Received By: MLD

Completed by:

*Marvin L. Darling II*

Reviewed by:

*Elizabeth A. Hurley*

On:

23-Nov-10

Marvin L. Darling

On:

24-Nov-10

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 1.4
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 - 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

1011049  
COC Serial No. **B** 09956

Project Name: CHAMPAIGN MLP Project Mgr.: P. SAZAMA  
Project Number: 624-0908-0120 Cost Code: J0002  
Sampler(s): J. BLANTON & ED BALOG

Laboratory	Name: <u>TEKLAB</u>	Location: <u>COLLINGSVILLE, IL</u>	Sample Number and (depth)		Date		Time	Matrix
			Sample Number	(depth)	Date	Date		
			P6-H2-F(19)		11/23/10	10:30 AM	X	Soil
			P6-63-F(19)		11/23/10	10:55 AM	X	Soil
			P6-HI2-W(3)		11/23/10	11:00 AM	X	Water
			P6-HI2-W(8)		11/23/10	11:05 AM	X	Water
			P6-HI2-W(16)		11/23/10	11:15 AM	X	Water
			P6-HI1-W(3)		11/23/10	11:25 AM	X	Water
			P6-HI1-W(8)		11/23/10	11:32 AM	X	Water
			P6-HI1-W(16)		11/23/10	11:40 AM	X	Water

Total Number of Containers

Analyses by Method Name and Number

Method Name	Analysis	Analysis	Analysis	Analysis	Analysis	Analysis	Analysis	Analysis	Analysis	Comments (Field PID)	Lab ID #'s
VOC's 8260	X	X	X	X	X	X	X	X	X		
SVOC's 8270	X	X	X	X	X	X	X	X	X		
SVOC's 8270 Sims	X	X	X	X	X	X	X	X	X		
ECRA METALS	X	X	X	X	X	X	X	X	X		
TOTAL AMBIDLE	X	X	X	X	X	X	X	X	X		
PCB's	X	X	X	X	X	X	X	X	X		
HERBICIDES & PESTICIDES	X	X	X	X	X	X	X	X	X		
TPH (0A-1-0A-2)	X	X	X	X	X	X	X	X	X		

Teklab, Inc.  
Carrier Pickup

1 DAY

**Samples Iced:**  Yes  No

Preservatives (ONLY for Water Samples)

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

**Lab Directives:**

Requested TAT:  Rush  5 Days  STD  Other

Fax and/or Mail Results to: P. SAZAMA AND L. HOOSIER

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

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

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

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

\* Special: FOR SEP-COC-M-L-IE 11/23/10

**Shipping:**

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

**Relinquished by:** \_\_\_\_\_  
Signature \_\_\_\_\_  
Date 11/23/10 Time 1:42 PM

**Received by:** \_\_\_\_\_  
Signature \_\_\_\_\_  
Date 11/23/10 Time 1:45

**Laboratory Temperature upon Receipt**  
1.4 °C ICE

November 29, 2010

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



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

**WorkOrder:** 10111049

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 11/23/2010 4:45:00 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:** A831-735002-012901-225Ameren Champaign 62409080120

**Lab Order:** 10111049

**Report Date:** 29-Nov-10

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
10111049-001	P6-H2-F (19)	5	11/23/2010 10:30:00 AM
10111049-002	P6-G3-F (19)	5	11/23/2010 10:55:00 AM

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## PRELIMINARY REPORT

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10111049

**Report Date:** 29-Nov-10

**Cooler Receipt Temp:** 1.4 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0 | LA: NELAP #166493

### 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:** 10111049  
**Lab ID:** 10111049-001  
**Report Date:** 29-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H2-F (19)  
**Collection Date:** 11/23/2010 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		10.2	%	1	11/23/2010 5:15:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.8	%	1	11/23/2010 5:15:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic		2.40		3.16	mg/Kg-dry	1	11/24/2010 1:49:14 PM	JMW
Barium		0.48		17.7	mg/Kg-dry	1	11/24/2010 1:49:14 PM	JMW
Cadmium		0.19	J	0.13	mg/Kg-dry	1	11/24/2010 1:49:14 PM	JMW
Chromium		0.96		15.0	mg/Kg-dry	1	11/24/2010 1:49:14 PM	JMW
Lead		3.85		11.1	mg/Kg-dry	1	11/24/2010 1:49:14 PM	JMW
Silver		0.53		< 0.53	mg/Kg-dry	1	11/24/2010 1:49:14 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	0.536		< 0.536	mg/Kg-dry	1	11/24/2010 1:24:20 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel		5.56		11.5	mg/Kg-dry	1	11/24/2010 12:29:00 PM	DMH
Kerosene		5.56		ND	mg/Kg-dry	1	11/24/2010 12:29:00 PM	DMH
Mineral Spirits		5.56		ND	mg/Kg-dry	1	11/24/2010 12:29:00 PM	DMH
Motor Oil		5.56	#	12.8	mg/Kg-dry	1	11/24/2010 12:29:00 PM	DMH
Surr: n-Tetracontane		50.6-140		107.1	%REC	1	11/24/2010 12:29:00 PM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene		0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Acenaphthylene		0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Anthracene		0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Benzo(a)anthracene		0.004		0.005	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Benzo(a)pyrene		0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Benzo(b)fluoranthene		0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Benzo(g,h,i)perylene		0.004		0.008	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Benzo(k)fluoranthene		0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Bis(2-ethylhexyl)phthalate		0.074		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Chrysene		0.004		0.005	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Dibenzo(a,h)anthracene		0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Fluoranthene		0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Fluorene		0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Indeno(1,2,3-cd)pyrene		0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Naphthalene		0.004		ND	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Phenanthrene		0.004		0.021	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Pyrene		0.004		0.005	mg/Kg-dry	1	11/24/2010 1:55:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		68.6	%REC	1	11/24/2010 1:55:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		85.2	%REC	1	11/24/2010 1:55:00 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:** 10111049  
**Lab ID:** 10111049-001  
**Report Date:** 29-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H2-F (19)  
**Collection Date:** 11/23/2010 10:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: p-Terphenyl-d14		30.6-131		82.3	%REC	1	11/24/2010 1:55:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1,1-Trichloroethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1,2,2-Tetrachloroethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1,2-Trichloroethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1-Dichloro-2-propanone		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1-Dichloroethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1-Dichloroethene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,1-Dichloropropene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2,3-Trichlorobenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2,3-Trichloropropane		181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2,3-Trimethylbenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2,4-Trichlorobenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2,4-Trimethylbenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2-Dibromo-3-chloropropane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2-Dibromoethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2-Dichlorobenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2-Dichloroethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,2-Dichloropropane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,3,5-Trimethylbenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,3-Dichlorobenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,3-Dichloropropane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1,4-Dichlorobenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
1-Chlorobutane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
2,2-Dichloropropane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
2-Butanone		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
2-Chlorotoluene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
2-Hexanone		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
2-Nitropropane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
4-Chlorotoluene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
4-Methyl-2-pentanone		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Acetone		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Acetonitrile		1810		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Acrolein		1810		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Acrylonitrile		181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Allyl chloride		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 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:** 10111049  
**Lab ID:** 10111049-001  
**Report Date:** 29-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H2-F (19)  
**Collection Date:** 11/23/2010 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>								
Benzene		18.1		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Bromobenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Bromochloromethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Bromodichloromethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Bromoform		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Bromomethane		181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Carbon disulfide		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Carbon tetrachloride		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Chlorobenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Chloroethane		181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Chloroform		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Chloromethane		181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
cis-1,2-Dichloroethene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
cis-1,3-Dichloropropene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Cyclohexanone		1810		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Dibromochloromethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Dibromomethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Dichlorodifluoromethane		181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Ethyl acetate		903	J	320	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Ethyl ether		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Ethyl methacrylate		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Ethylbenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Gasoline Range Organics (OA-1)		18100		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Heptane		361		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Hexachlorobutadiene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Hexachloroethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Iodomethane		181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Isopropylbenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
m,p-Xylenes		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Methacrylonitrile		903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Methyl Methacrylate		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Methyl tert-butyl ether		36.1		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Methylacrylate		181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Methylene chloride		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Naphthalene		181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
n-Butylbenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
n-Hexane		361		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Nitrobenzene		1810		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 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:** 10111049  
**Lab ID:** 10111049-001  
**Report Date:** 29-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H2-F (19)  
**Collection Date:** 11/23/2010 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>								
n-Propylbenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
o-Xylene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Pentachloroethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
p-Isopropyltoluene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Propionitrile		903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
sec-Butylbenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Styrene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
tert-Butylbenzene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Tetrachloroethene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Tetrahydrofuran		903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Toluene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
trans-1,2-Dichloroethene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
trans-1,3-Dichloropropene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
trans-1,4-Dichloro-2-butene		181		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Trichloroethene		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Trichlorofluoromethane		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Vinyl acetate		903		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Vinyl chloride		36.1		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Xylenes, Total		90.3		ND	µg/Kg-dry	12.5	11/24/2010 1:05:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		104.1	%REC	12.5	11/24/2010 1:05:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		102.4	%REC	12.5	11/24/2010 1:05:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		96.6	%REC	12.5	11/24/2010 1:05:00 PM	RWE
Surr: Toluene-d8		86-116		96.4	%REC	12.5	11/24/2010 1:05:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury		0.010	J	0.005	mg/Kg-dry	1	11/24/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.551		< 0.551	mg/Kg-dry	1	11/29/2010 11:01:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide		0.55		< 0.55	mg/Kg-dry	1	11/29/2010 11:01:00 AM	KNS

### Sample Narrative

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

Marginal Exceedance for trichloroethene in LCS and LCSD is verified per NELAC Appendix D 1.1.2  
Elevated reporting limit due to matrix interference.

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111049  
**Lab ID:** 10111049-002  
**Report Date:** 29-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-G3-F (19)  
**Collection Date:** 11/23/2010 10:55:00 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		10.3	%	1	11/23/2010 5:15:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.7	%	1	11/23/2010 5:15:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic		2.45		2.51	mg/Kg-dry	1	11/24/2010 1:54:48 PM	JMW
Barium		0.49		18.0	mg/Kg-dry	1	11/24/2010 1:54:48 PM	JMW
Cadmium		0.20		0.20	mg/Kg-dry	1	11/24/2010 1:54:48 PM	JMW
Chromium		0.98		15.8	mg/Kg-dry	1	11/24/2010 1:54:48 PM	JMW
Lead		3.92		9.80	mg/Kg-dry	1	11/24/2010 1:54:48 PM	JMW
Silver		0.54		< 0.54	mg/Kg-dry	1	11/24/2010 1:54:48 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	0.566	S	< 0.566	mg/Kg-dry	1	11/24/2010 1:27:42 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel		5.57		14.3	mg/Kg-dry	1	11/24/2010 12:46:00 PM	DMH
Kerosene		5.57		ND	mg/Kg-dry	1	11/24/2010 12:46:00 PM	DMH
Mineral Spirits		5.57		ND	mg/Kg-dry	1	11/24/2010 12:46:00 PM	DMH
Motor Oil		5.57	#	16.4	mg/Kg-dry	1	11/24/2010 12:46:00 PM	DMH
Surr: n-Tetracontane		50.6-140		110.7	%REC	1	11/24/2010 12:46:00 PM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene		0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Acenaphthylene		0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Anthracene		0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Benzo(a)anthracene		0.004		0.006	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Benzo(a)pyrene		0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Benzo(b)fluoranthene		0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Benzo(g,h,i)perylene		0.004		0.008	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Benzo(k)fluoranthene		0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Bis(2-ethylhexyl)phthalate		0.074		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Chrysene		0.004		0.005	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Dibenzo(a,h)anthracene		0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Fluoranthene		0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Fluorene		0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Indeno(1,2,3-cd)pyrene		0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Naphthalene		0.004		ND	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Phenanthrene		0.004		0.022	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Pyrene		0.004		0.007	mg/Kg-dry	1	11/24/2010 2:32:00 PM	DMH
Surr: 2-Fluorobiphenyl		10-131		66.3	%REC	1	11/24/2010 2:32:00 PM	DMH
Surr: Nitrobenzene-d5		10-132		81.6	%REC	1	11/24/2010 2:32:00 PM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

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**WorkOrder:** 10111049  
**Lab ID:** 10111049-002  
**Report Date:** 29-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-G3-F (19)  
**Collection Date:** 11/23/2010 10:55:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Surr: p-Terphenyl-d14		30.6-131		81.3	%REC	1	11/24/2010 2:32:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1,1-Trichloroethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1,2,2-Tetrachloroethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1,2-Trichloroethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1-Dichloro-2-propanone		1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1-Dichloroethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1-Dichloroethene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,1-Dichloropropene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2,3-Trichlorobenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2,3-Trichloropropane		212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2,3-Trimethylbenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2,4-Trichlorobenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2,4-Trimethylbenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2-Dibromo-3-chloropropane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2-Dibromoethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2-Dichlorobenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2-Dichloroethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,2-Dichloropropane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,3,5-Trimethylbenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,3-Dichlorobenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,3-Dichloropropane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1,4-Dichlorobenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
1-Chlorobutane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
2,2-Dichloropropane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
2-Butanone		1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
2-Chlorotoluene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
2-Hexanone		1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
2-Nitropropane		1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
4-Chlorotoluene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
4-Methyl-2-pentanone		1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Acetone		1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Acetonitrile		2120		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Acrolein		2120		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Acrylonitrile		212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Allyl chloride		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111049  
**Lab ID:** 10111049-002  
**Report Date:** 29-Nov-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-G3-F (19)  
**Collection Date:** 11/23/2010 10:55:00 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>								
Benzene		21.2		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Bromobenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Bromochloromethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Bromodichloromethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Bromoform		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Bromomethane		212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Carbon disulfide		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Carbon tetrachloride		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Chlorobenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Chloroethane		212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Chloroform		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Chloromethane		212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
cis-1,2-Dichloroethene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
cis-1,3-Dichloropropene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Cyclohexanone		2120		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Dibromochloromethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Dibromomethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Dichlorodifluoromethane		212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Ethyl acetate		1060	J	340	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Ethyl ether		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Ethyl methacrylate		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Ethylbenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Gasoline Range Organics (OA-1)		21200		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Heptane		423		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Hexachlorobutadiene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Hexachloroethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Iodomethane		212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Isopropylbenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
m,p-Xylenes		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Methacrylonitrile		1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Methyl Methacrylate		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Methyl tert-butyl ether		42.3		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Methylacrylate		212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Methylene chloride		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Naphthalene		212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
n-Butylbenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
n-Hexane		423		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Nitrobenzene		2120		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE

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**WorkOrder:** 10111049  
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**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>								
n-Propylbenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
o-Xylene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Pentachloroethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
p-Isopropyltoluene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Propionitrile		1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
sec-Butylbenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Styrene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
tert-Butylbenzene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Tetrachloroethene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Tetrahydrofuran		1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Toluene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
trans-1,2-Dichloroethene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
trans-1,3-Dichloropropene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
trans-1,4-Dichloro-2-butene		212		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Trichloroethene		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Trichlorofluoromethane		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Vinyl acetate		1060		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Vinyl chloride		42.3		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Xylenes, Total		106		ND	µg/Kg-dry	12.5	11/24/2010 1:33:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.5	%REC	12.5	11/24/2010 1:33:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		103.1	%REC	12.5	11/24/2010 1:33:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.0	%REC	12.5	11/24/2010 1:33:00 PM	RWE
Surr: Toluene-d8		86-116		95.8	%REC	12.5	11/24/2010 1:33:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury		0.011	J	0.005	mg/Kg-dry	1	11/24/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.541		< 0.541	mg/Kg-dry	1	11/29/2010 11:01:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide		0.54		< 0.54	mg/Kg-dry	1	11/29/2010 11:01:00 AM	KNS

### Sample Narrative

SW-846 3050B, Metals by GFAA

Se- Matrix interference present in sample.

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

Marginal Exceedance for trichloroethene in LCS and LCSD is verified per NELAC Appendix D 1.1.2

Elevated reporting limit due to matrix interference.

## PRELIMINARY REPORT

A preliminary report contains data that is incomplete or data that has not been fully validated. Caution should be exercised in the use of any data presented, as final reported results may not reflect the values presented.

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10111049

**Report Date:** 29-Nov-10

Carrier: Sean Spinner

Received By: MLD

Completed by:

*Marvin L. Darling II*

Reviewed by:

*Elizabeth A. Hurley*

On:

23-Nov-10

Marvin L. Darling

On:

24-Nov-10

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 1.4
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 - 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 (618) 281-7173 Phone  
 P.O. Box 230 (800) 733-7173  
 Columbia, IL 62236-0230 (618) 281-5120 Fax

10111049

COC Serial No. **B** 09956

Project Name: CHAMPAIGN MGP Project Mgr.: P. SAZAMA  
 Project Number: 624-0908-0120 Cost Code: J0002  
 Sampler(s): J. BLANTON & ED BALOG Matrix  
 Laboratory Name: TEKLAB Location: COLLINSVILLE, IL  
 Soil Water Air Wipes Other \*

Sample Number and (depth)	Date	Time	Soil	Water	Air	Wipes	Other *	Total Number of Containers	Analyses by Method Name and Number							Comments (Field PID)	Lab ID #'s	
									VOC's	SVOC's	SVOC's 8270 SIMS	PCRA METALS	TOTAL AMERIMABLE CYANIDE	PCB's	HERBICIDES & PESTICIDES			TPH (OA-1, OA-2)
P6-H2-F(19)	11/23/10	10:30 AM	X						X	X	X	X	X					
P6-G3-F(19)	11/23/10	10:55 AM	X						X	X	X	X	X					RUSH FLOOR sample 10111049-cc1
P6-HI2-W(3)	11/23/10	11:00 AM	X						X	X	X	X	X	X	X			RUSH * -cc2
P6-HI2-W(8)	11/23/10	11:05 AM	X						X	X	X	X	X					
P6-HI2-W(16)	11/23/10	11:15 AM	X						X	X	X	X	X					
P6-HI1-W(3)	11/23/10	11:25 AM	X						X	X	X	X	X					
P6-HI1-W(8)	11/23/10	11:32 AM	X						X	X	X	X	X					
P6-HI1-W(16)	11/23/10	11:40 AM	X						X	X	X	X	X					

1 DAY

Teklab, Inc.  
Courier Pick Up

Laboratory Temperature upon Receipt  
1.4 °C ICE

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

Fax and/or Mail Results to: P. SAZAMA AND L. HOOSIER

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

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

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

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

\* Special: on sep. coc. MLI II 11/23/10

Shipping:

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

Relinquished by:

Signature	Date	Time
	11/23/10	1:42 PM
	11/23/10	1:45

Received by:

Signature	Date	Time
	11/23/10	1342
	11/23/10	1645

December 13, 2010

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



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

**WorkOrder:** 10111050

Dear Pete Sazama:

TEKLAB, INC received 6 samples on 11/23/2010 4:45:00 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:** A831-735002-012901-225Ameren Champaign 62409080120

**Lab Order:** 10111050

**Report Date:** 13-Dec-10

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10111050-001	P6-HI2-W (3)	5	11/23/2010 11:00:00 AM
10111050-002	P6-HI2-W (8)	5	11/23/2010 11:05:00 AM
10111050-003	P6-HI2-W (16)	5	11/23/2010 11:15:00 AM
10111050-004	P6-HI1-W (3)	5	11/23/2010 11:25:00 AM
10111050-005	P6-HI1-W (8)	5	11/23/2010 11:32:00 AM
10111050-006	P6-HI1-W (16)	5	11/23/2010 11:40:00 AM



ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10111050

**Report Date:** 13-Dec-10

**Cooler Receipt Temp:** 2.6 °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0 | LA: NELAP #166493

### 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:** 10111050

**Lab ID:** 10111050-001

**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch

**Client Sample ID:** P6-HI2-W (3)

**Collection Date:** 11/23/2010 11:00:00 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		19.5	%	1	11/24/2010 12:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		80.5	%	1	11/24/2010 12:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	5.00		9.60	mg/Kg-dry	2	11/30/2010 12:07:45 PM	JMW
Barium	NELAP	1.00		161	mg/Kg-dry	2	11/30/2010 12:07:45 PM	JMW
Cadmium	NELAP	0.40		0.74	mg/Kg-dry	2	11/30/2010 12:07:45 PM	JMW
Chromium	NELAP	1.00		23.9	mg/Kg-dry	1	12/1/2010 11:47:39 AM	JMW
Lead	NELAP	4.00		41.4	mg/Kg-dry	1	12/1/2010 1:57:02 PM	JMW
Silver	NELAP	1.10		< 1.10	mg/Kg-dry	2	11/30/2010 12:07:45 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.577		< 0.577	mg/Kg-dry	1	11/29/2010 6:17:26 PM	HLR
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>								
4,4'-DDD	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
4,4'-DDE	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
4,4'-DDT	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:24:00 PM	MAV
Alachlor	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Aldrin	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
alpha-BHC	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
alpha-Chlordane	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
beta-BHC	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Chlordane	NELAP	4.12		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
delta-BHC	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Dieldrin	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Endosulfan I	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Endosulfan II	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Endosulfan sulfate	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Endrin	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Endrin aldehyde	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Endrin ketone	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
gamma-BHC	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
gamma-Chlordane	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Heptachlor	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Heptachlor epoxide	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Methoxychlor	NELAP	2.06		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Toxaphene	NELAP	37.0		ND	µg/Kg-dry	1	12/1/2010 2:08:00 AM	MAV
Surr: Decachlorobiphenyl		48-149		108.7	%REC	1	12/1/2010 2:08:00 AM	MAV
Surr: Tetrachloro-m-xylene		19-145		81.4	%REC	1	12/1/2010 2:08:00 AM	MAV

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (3)  
**Collection Date:** 11/23/2010 11:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</u></b>								
Aroclor 1016	NELAP	46.2		ND	µg/Kg-dry	1	11/30/2010 10:46:00 PM	HE
Aroclor 1221	NELAP	46.2		ND	µg/Kg-dry	1	11/30/2010 10:46:00 PM	HE
Aroclor 1232	NELAP	46.2		ND	µg/Kg-dry	1	11/30/2010 10:46:00 PM	HE
Aroclor 1242	NELAP	46.2		ND	µg/Kg-dry	1	11/30/2010 10:46:00 PM	HE
Aroclor 1248	NELAP	46.2		ND	µg/Kg-dry	1	11/30/2010 10:46:00 PM	HE
Aroclor 1254	NELAP	46.2		ND	µg/Kg-dry	1	11/30/2010 10:46:00 PM	HE
Aroclor 1260	NELAP	46.2		ND	µg/Kg-dry	1	11/30/2010 10:46:00 PM	HE
Surr: Decachlorobiphenyl		5-156		89.8	%REC	1	11/30/2010 10:46:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		103.2	%REC	1	11/30/2010 10:46:00 PM	HE
<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	11/30/2010 11:13:00 PM	MAV
Acenaphthylene	NELAP	0.004		0.005	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.083		ND	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	11/30/2010 11:13:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		57.8	%REC	1	11/30/2010 11:13:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		73.3	%REC	1	11/30/2010 11:13:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		68.2	%REC	1	11/30/2010 11:13:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (3)  
**Collection Date:** 11/23/2010 11:00:00 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-Dimethylphenol	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.23		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
2-Chloronaphthalene	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
2-Chlorophenol	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
2-Methoxy-4-methylphenol		0.801		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
2-Methylnaphthalene	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
2-Nitroaniline	NELAP	1.23		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
2-Nitrophenol	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
3-Nitroaniline	NELAP	1.23		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.23		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
4-Chloroaniline	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
4-Nitroaniline	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
4-Nitrophenol	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Aniline	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Azobenzene		0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Benzidine	NELAP	1.30		see note	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Benzoic acid	NELAP	1.85		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Benzyl alcohol	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Carbazole		0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Dibenzofuran	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Diethyl phthalate	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Dimethyl phthalate	NELAP	0.431	J	0.29	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Hexachlorobenzene	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Hexachlorobutadiene	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Hexachloroethane	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (3)  
**Collection Date:** 11/23/2010 11:00:00 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>								
Isophorone	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
m,p-Cresol	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Nitrobenzene	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
o-Cresol	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Pentachlorophenol	NELAP	2.46		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Phenol	NELAP	0.431		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Pyridine	NELAP	0.616		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
1,2-Diphenylhydrazine		1.04		ND	mg/Kg-dry	1	12/3/2010 11:59:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		86.3	%REC	1	12/3/2010 11:59:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		81.2	%REC	1	12/3/2010 11:59:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		62.2	%REC	1	12/3/2010 11:59:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		69.9	%REC	1	12/3/2010 11:59:00 PM	DMH
Surr: Phenol-d5		34.9-110		72.1	%REC	1	12/3/2010 11:59:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		89.4	%REC	1	12/3/2010 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	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,1-Dichloro-2-propanone		43.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,1-Dichloroethane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,1-Dichloroethene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,1-Dichloropropene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,2,3-Trichloropropane	NELAP	8.6		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,2,3-Trimethylbenzene		4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,2-Dibromoethane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,2-Dichloroethane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,2-Dichloropropane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (3)  
**Collection Date:** 11/23/2010 11:00:00 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>								
1,3-Dichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,3-Dichloropropane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
1-Chlorobutane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
2,2-Dichloropropane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
2-Butanone	NELAP	43.3	J	38	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
2-Chlorotoluene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
2-Hexanone	NELAP	43.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
2-Nitropropane	NELAP	43.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
4-Chlorotoluene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
4-Methyl-2-pentanone	NELAP	43.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Acetone	NELAP	43.3		235	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Acrolein	NELAP	86.5		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Acrylonitrile	NELAP	8.6		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Allyl chloride	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Benzene	NELAP	0.9		1.7	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Bromobenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Bromochloromethane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Bromodichloromethane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Bromoform	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Bromomethane	NELAP	8.6		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Carbon disulfide	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Carbon tetrachloride	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Chlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Chloroethane	NELAP	8.6		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Chloroform	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Chloromethane	NELAP	8.6		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Cyclohexanone		86.5		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Dibromochloromethane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Dibromomethane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Dichlorodifluoromethane	NELAP	8.6		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Ethyl acetate	NELAP	43.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Ethyl ether	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Ethyl methacrylate	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Ethylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Heptane		17.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (3)  
**Collection Date:** 11/23/2010 11:00:00 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>								
Hexachlorobutadiene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Hexachloroethane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Iodomethane	NELAP	8.6	J	2.2	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Isopropylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
m,p-Xylenes	NELAP	4.3	J	1.4	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Methacrylonitrile	NELAP	43.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Methyl Methacrylate	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Methyl tert-butyl ether	NELAP	1.7		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Methylacrylate		8.6		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Methylene chloride	NELAP	4.3	J	0.9	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Naphthalene	NELAP	8.6		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
n-Butylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
n-Hexane		17.3	J	2.0	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Nitrobenzene	NELAP	86.5		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
n-Propylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
o-Xylene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Pentachloroethane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
p-Isopropyltoluene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Propionitrile	NELAP	43.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
sec-Butylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Styrene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
tert-Butylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Tetrachloroethene	NELAP	4.3	J	2.5	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Tetrahydrofuran	NELAP	43.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Toluene	NELAP	4.3	J	1.7	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Trichloroethene	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Trichlorofluoromethane	NELAP	4.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Vinyl acetate	NELAP	43.3		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Vinyl chloride	NELAP	1.7		ND	µg/Kg-dry	1	11/29/2010 4:53:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		108.8	%REC	1	11/29/2010 4:53:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.4	%REC	1	11/29/2010 4:53:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		109.6	%REC	1	11/29/2010 4:53:00 PM	RWE
Surr: Toluene-d8		86-116		96.9	%REC	1	11/29/2010 4:53:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		0.030	mg/Kg-dry	1	11/24/2010	MEK
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-001  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (3)  
**Collection Date:** 11/23/2010 11:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								
2,4,5-T	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
2,4,5-TP (Silvex)	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
2,4-D	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
2,4-DB	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
3,5-Dichlorobenzoic Acid	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
Acifluorfen	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
Bentazon	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
Chloramben	NELAP	0.05	S	ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
Dalapon	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
DCPA	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
Dicamba	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
Dichlorprop	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
Dinoseb	NELAP	0.05	R	ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
Pentachlorophenol	NELAP	0.05	SR	ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
Picloram	NELAP	0.05		ND	mg/Kg-dry	1	11/30/2010 11:28:00 PM	SUB
Surr: DCAA		50-121		89.7	%REC	1	11/30/2010 11:28:00 PM	SUB
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.621		< 0.621	mg/Kg-dry	1	11/30/2010 10:47:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.62		0.78	mg/Kg-dry	1	12/1/2010 11:27:00 AM	KNS

### Sample Narrative

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

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

SW-846 8151A, Chlorinated Herbicides by GC/ECD

The spike recovery for Pentachlorophenol was below established acceptance limits in the LCS/MS/MSD. MS/MSD RPD was outside the QC limits due to low level results.

The spike recovery for Chloramben was outside acceptance limits for the MS. The batch was accepted based on acceptable LCS recovery.

The RPD result for Dinoseb exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

Analysis performed by Keystone Laboratories, Inc.

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

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

Hexachlorobenzene was outside upper LCS QC limits. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (8)  
**Collection Date:** 11/23/2010 11:05:00 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		20.4	%	1	11/24/2010 12:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		79.6	%	1	11/24/2010 12:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		3.35	mg/Kg-dry	1	11/30/2010 12:30:23 AM	JMW
Barium	NELAP	0.49		135	mg/Kg-dry	1	11/30/2010 12:30:23 AM	JMW
Cadmium	NELAP	0.20		0.50	mg/Kg-dry	1	11/30/2010 12:30:23 AM	JMW
Chromium	NELAP	0.98		19.8	mg/Kg-dry	1	12/1/2010 11:50:20 AM	JMW
Lead	NELAP	3.92		16.7	mg/Kg-dry	1	11/30/2010 12:30:23 AM	JMW
Silver	NELAP	0.54		1.38	mg/Kg-dry	1	11/30/2010 11:18:34 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	11/29/2010 6:22:14 PM	HLR
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.025	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Acenaphthylene	NELAP	0.004		0.109	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.083		ND	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Fluorene	NELAP	0.004		0.009	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	11/30/2010 11:48:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		60.0	%REC	1	11/30/2010 11:48:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		73.8	%REC	1	11/30/2010 11:48:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		69.0	%REC	1	11/30/2010 11:48:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (8)  
**Collection Date:** 11/23/2010 11:05:00 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	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.24		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
2-Chloronaphthalene	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
2-Chlorophenol	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
2-Methoxy-4-methylphenol		0.805		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
2-Methylnaphthalene	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
2-Nitroaniline	NELAP	1.24		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
2-Nitrophenol	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
3-Nitroaniline	NELAP	1.24		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.24		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
4-Chloroaniline	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
4-Nitroaniline	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
4-Nitrophenol	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Aniline	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Azobenzene		0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Benzidine	NELAP	1.31		see note	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Benzoic acid	NELAP	1.86		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Benzyl alcohol	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Carbazole		0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Dibenzofuran	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Diethyl phthalate	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Dimethyl phthalate	NELAP	0.434	J	0.21	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Hexachlorobenzene	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (8)  
**Collection Date:** 11/23/2010 11:05:00 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	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Hexachloroethane	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Isophorone	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
m,p-Cresol	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Nitrobenzene	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
o-Cresol	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Pentachlorophenol	NELAP	2.48		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Phenol	NELAP	0.434		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Pyridine	NELAP	0.619		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
1,2-Diphenylhydrazine		1.04		ND	mg/Kg-dry	1	12/4/2010 12:31:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		110.3	%REC	1	12/4/2010 12:31:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		83.9	%REC	1	12/4/2010 12:31:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		84.6	%REC	1	12/4/2010 12:31:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		72.7	%REC	1	12/4/2010 12:31:00 AM	DMH
Surr: Phenol-d5		34.9-110		85.6	%REC	1	12/4/2010 12:31:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		92.1	%REC	1	12/4/2010 12:31:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,1-Dichloro-2-propanone		51.4		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,1-Dichloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,1-Dichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,1-Dichloropropene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10.3		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,2,3-Trimethylbenzene		5.1	J	1.9	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.1	J	2.0	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,2-Dibromoethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (8)  
**Collection Date:** 11/23/2010 11:05:00 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	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,2-Dichloropropane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,3-Dichloropropane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
1-Chlorobutane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
2,2-Dichloropropane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
2-Butanone	NELAP	51.4		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
2-Chlorotoluene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
2-Hexanone	NELAP	51.4		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
2-Nitropropane	NELAP	51.4		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
4-Chlorotoluene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
4-Methyl-2-pentanone	NELAP	51.4		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Acetone	NELAP	51.4	J	24	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Acrolein	NELAP	103		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Acrylonitrile	NELAP	10.3		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Allyl chloride	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Benzene	NELAP	1.0		5.5	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Bromobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Bromochloromethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Bromodichloromethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Bromoform	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Bromomethane	NELAP	10.3		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Carbon disulfide	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Carbon tetrachloride	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Chlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Chloroethane	NELAP	10.3		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Chloroform	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Chloromethane	NELAP	10.3		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Cyclohexanone		103		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Dibromochloromethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Dibromomethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Dichlorodifluoromethane	NELAP	10.3		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Ethyl acetate	NELAP	51.4		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Ethyl ether	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-002  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (8)  
**Collection Date:** 11/23/2010 11:05:00 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	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Ethylbenzene	NELAP	5.1		9.4	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Heptane		20.5	J	5.9	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Hexachlorobutadiene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Hexachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Iodomethane	NELAP	10.3		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Isopropylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
m,p-Xylenes	NELAP	5.1		33.6	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Methacrylonitrile	NELAP	51.4		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Methyl Methacrylate	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.0		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Methylacrylate		10.3		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Methylene chloride	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Naphthalene	NELAP	10.3	J	2.3	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
n-Butylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
n-Hexane		20.5	J	12	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Nitrobenzene	NELAP	103		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
n-Propylbenzene	NELAP	5.1	J	1.7	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
o-Xylene	NELAP	5.1	J	4.6	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Pentachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
p-Isopropyltoluene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Propionitrile	NELAP	51.4		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
sec-Butylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Styrene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
tert-Butylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Tetrachloroethene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Tetrahydrofuran	NELAP	51.4		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Toluene	NELAP	5.1		7.2	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Trichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Trichlorofluoromethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Vinyl acetate	NELAP	51.4		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Vinyl chloride	NELAP	2.0		ND	µg/Kg-dry	1	11/29/2010 5:23:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		112.1	%REC	1	11/29/2010 5:23:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		94.0	%REC	1	11/29/2010 5:23:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		109.7	%REC	1	11/29/2010 5:23:00 PM	RWE
Surr: Toluene-d8		86-116		99.2	%REC	1	11/29/2010 5:23:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10111050

**Client Sample ID:** P6-HI2-W (8)

**Lab ID:** 10111050-002

**Collection Date:** 11/23/2010 11:05:00 AM

**Report Date:** 13-Dec-10

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013		<b>0.018</b>	mg/Kg-dry	1	11/24/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.629		<b>&lt; 0.629</b>	mg/Kg-dry	1	11/30/2010 10:47:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.63		<b>0.81</b>	mg/Kg-dry	1	12/1/2010 11:27:00 AM	KNS

### Sample Narrative

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

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

Hexachlorobenzene was outside upper LCS QC limits. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (16)  
**Collection Date:** 11/23/2010 11:15:00 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		10.5	%	1	11/24/2010 12:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.5	%	1	11/24/2010 12:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40	J	1.8	mg/Kg-dry	1	11/30/2010 12:36:15 AM	JMW
Barium	NELAP	0.48		17.9	mg/Kg-dry	1	11/30/2010 12:36:15 AM	JMW
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	11/30/2010 12:36:15 AM	JMW
Chromium	NELAP	0.96		15.2	mg/Kg-dry	1	12/1/2010 11:53:02 AM	JMW
Lead	NELAP	3.85		9.82	mg/Kg-dry	1	11/30/2010 12:36:15 AM	JMW
Silver	NELAP	0.53		0.82	mg/Kg-dry	1	11/30/2010 11:20:50 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.556	< 0.556	mg/Kg-dry	1	11/29/2010 6:27:02 PM	HLR
<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	12/1/2010 10:14:00 AM	MAV
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.007	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Chrysene	NELAP	0.004	J	0.004	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Phenanthrene	NELAP	0.004		0.021	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	12/1/2010 10:14:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		44.8	%REC	1	12/1/2010 10:14:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		57.9	%REC	1	12/1/2010 10:14:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		62.4	%REC	1	12/1/2010 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	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (16)  
**Collection Date:** 11/23/2010 11:15:00 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	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.10		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
2-Chloronaphthalene	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
2-Chlorophenol	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
2-Methoxy-4-methylphenol		0.715		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
2-Methylnaphthalene	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
2-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
2-Nitrophenol	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
3-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.10		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
4-Chloroaniline	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
4-Nitroaniline	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
4-Nitrophenol	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Aniline	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Azobenzene		0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Benzidine	NELAP	1.16		see note	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Benzoic acid	NELAP	1.65		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Benzyl alcohol	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Carbazole		0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Dibenzofuran	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Diethyl phthalate	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Dimethyl phthalate	NELAP	0.385	J	0.24	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Hexachlorobenzene	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (16)  
**Collection Date:** 11/23/2010 11:15:00 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	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Hexachloroethane	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Isophorone	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
m,p-Cresol	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Nitrobenzene	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
o-Cresol	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Pentachlorophenol	NELAP	2.20		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Phenol	NELAP	0.385		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Pyridine	NELAP	0.550		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
1,2-Diphenylhydrazine		0.923		ND	mg/Kg-dry	1	12/6/2010 2:21:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		58.2	%REC	1	12/6/2010 2:21:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		75.9	%REC	1	12/6/2010 2:21:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		65.0	%REC	1	12/6/2010 2:21:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.5	%REC	1	12/6/2010 2:21:00 PM	DMH
Surr: Phenol-d5		34.9-110		68.3	%REC	1	12/6/2010 2:21:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		89.5	%REC	1	12/6/2010 2:21:00 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	11/30/2010 12:52:00 PM	RWE
1,1,1-Trichloroethane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,1,2-Trichloroethane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,1-Dichloro-2-propanone		1450		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,1-Dichloroethane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,1-Dichloroethene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,1-Dichloropropene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,2,3-Trichloropropane	NELAP	290		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,2,3-Trimethylbenzene		145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,2-Dibromoethane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,2-Dichlorobenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (16)  
**Collection Date:** 11/23/2010 11:15:00 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	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,2-Dichloropropane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,3-Dichlorobenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,3-Dichloropropane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1,4-Dichlorobenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
1-Chlorobutane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
2,2-Dichloropropane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
2-Butanone	NELAP	1450		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
2-Chlorotoluene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
2-Hexanone	NELAP	1450		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
2-Nitropropane	NELAP	1450		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
4-Chlorotoluene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1450		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Acetone	NELAP	1450		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Acrolein	NELAP	2900		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Acrylonitrile	NELAP	290		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Allyl chloride	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Benzene	NELAP	29.0		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Bromobenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Bromochloromethane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Bromodichloromethane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Bromoform	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Bromomethane	NELAP	290		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Carbon disulfide	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Carbon tetrachloride	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Chlorobenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Chloroethane	NELAP	290		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Chloroform	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Chloromethane	NELAP	290		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	116		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Cyclohexanone		2900		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Dibromochloromethane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Dibromomethane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Dichlorodifluoromethane	NELAP	290		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Ethyl acetate	NELAP	1450	J	460	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Ethyl ether	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (16)  
**Collection Date:** 11/23/2010 11:15:00 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	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Ethylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Heptane		579		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Hexachlorobutadiene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Hexachloroethane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Iodomethane	NELAP	290		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Isopropylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
m,p-Xylenes	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Methacrylonitrile	NELAP	1450		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Methyl Methacrylate	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Methyl tert-butyl ether	NELAP	57.9		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Methylacrylate		290		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Methylene chloride	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Naphthalene	NELAP	290		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
n-Butylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
n-Hexane		579		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Nitrobenzene	NELAP	2900		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
n-Propylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
o-Xylene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Pentachloroethane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
p-Isopropyltoluene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Propionitrile	NELAP	1450		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
sec-Butylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Styrene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
tert-Butylbenzene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Tetrachloroethene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Tetrahydrofuran	NELAP	1450		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Toluene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	116		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Trichloroethene	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Trichlorofluoromethane	NELAP	145		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Vinyl acetate	NELAP	1450		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Vinyl chloride	NELAP	57.9		ND	µg/Kg-dry	12.5	11/30/2010 12:52:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		97.5	%REC	12.5	11/30/2010 12:52:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		90.6	%REC	12.5	11/30/2010 12:52:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		95.5	%REC	12.5	11/30/2010 12:52:00 PM	RWE
Surr: Toluene-d8		86-116		106.2	%REC	12.5	11/30/2010 12:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-003  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI2-W (16)  
**Collection Date:** 11/23/2010 11:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.010	J	<b>0.005</b>	mg/Kg-dry	1	11/24/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.558		<b>&lt; 0.558</b>	mg/Kg-dry	1	11/30/2010 10:47:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		<b>&lt; 0.56</b>	mg/Kg-dry	1	12/1/2010 11:27:00 AM	KNS

### Sample Narrative

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

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

Hexachlorobenzene was outside upper QC 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 matrix interference.

Cyclohexanone LCS/LCSD RPD was outside of QC limit.

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10111050

**Client Sample ID:** P6-HI1-W (3)

**Lab ID:** 10111050-004

**Collection Date:** 11/23/2010 11:25:00 AM

**Report Date:** 13-Dec-10

**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		20.6	%	1	11/24/2010 12:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		79.4	%	1	11/24/2010 12:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		2.57	mg/Kg-dry	1	11/30/2010 12:52:32 AM	JMW
Barium	NELAP	0.49		116	mg/Kg-dry	1	11/30/2010 12:52:32 AM	JMW
Cadmium	NELAP	0.20		0.30	mg/Kg-dry	1	11/30/2010 12:52:32 AM	JMW
Chromium	NELAP	0.98		21.4	mg/Kg-dry	1	11/30/2010 12:52:32 AM	JMW
Lead	NELAP	3.92		15.0	mg/Kg-dry	1	11/30/2010 12:52:32 AM	JMW
Silver	NELAP	0.54		1.34	mg/Kg-dry	1	11/30/2010 11:23:04 AM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.577		< 0.577	mg/Kg-dry	1	11/29/2010 6:41:24 PM	HLR
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.028	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.009	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.083		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 12:58:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		58.2	%REC	1	12/1/2010 12:58:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		77.1	%REC	1	12/1/2010 12:58:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		69.8	%REC	1	12/1/2010 12:58:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-004  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H11-W (3)  
**Collection Date:** 11/23/2010 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	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.24		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
2-Chloronaphthalene	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
2-Chlorophenol	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
2-Methoxy-4-methylphenol		0.806		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
2-Methylnaphthalene	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
2-Nitroaniline	NELAP	1.24		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
2-Nitrophenol	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
3-Nitroaniline	NELAP	1.24		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.24		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
4-Chloroaniline	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
4-Nitroaniline	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
4-Nitrophenol	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Aniline	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Azobenzene		0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Benzidine	NELAP	1.31		see note	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Benzoic acid	NELAP	1.86		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Benzyl alcohol	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Carbazole		0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Dibenzofuran	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Diethyl phthalate	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Dimethyl phthalate	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Hexachlorobenzene	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10111050

**Lab ID:** 10111050-004

**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch

**Client Sample ID:** P6-H11-W (3)

**Collection Date:** 11/23/2010 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	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Hexachloroethane	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Isophorone	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
m,p-Cresol	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Nitrobenzene	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
o-Cresol	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Pentachlorophenol	NELAP	2.48		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Phenol	NELAP	0.434		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Pyridine	NELAP	0.620		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
1,2-Diphenylhydrazine		1.04		ND	mg/Kg-dry	1	12/3/2010 11:26:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		111.9	%REC	1	12/3/2010 11:26:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		79.5	%REC	1	12/3/2010 11:26:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		87.9	%REC	1	12/3/2010 11:26:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.4	%REC	1	12/3/2010 11:26:00 PM	DMH
Surr: Phenol-d5		34.9-110		97.7	%REC	1	12/3/2010 11:26:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		91.3	%REC	1	12/3/2010 11:26:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,1-Dichloro-2-propanone		51.0		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,1-Dichloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,1-Dichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,1-Dichloropropene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10.2		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,2,3-Trimethylbenzene		5.1	J	1.8	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.1	J	2.4	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,2-Dibromoethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-004  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H11-W (3)  
**Collection Date:** 11/23/2010 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	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,2-Dichloropropane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,3-Dichloropropane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
1-Chlorobutane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
2,2-Dichloropropane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
2-Butanone	NELAP	51.0		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
2-Chlorotoluene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
2-Hexanone	NELAP	51.0		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
2-Nitropropane	NELAP	51.0		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
4-Chlorotoluene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
4-Methyl-2-pentanone	NELAP	51.0		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Acetone	NELAP	51.0	J	14	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Acrolein	NELAP	102		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Acrylonitrile	NELAP	10.2		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Allyl chloride	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Benzene	NELAP	1.0		2.0	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Bromobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Bromochloromethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Bromodichloromethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Bromoform	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Bromomethane	NELAP	10.2		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Carbon disulfide	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Carbon tetrachloride	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Chlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Chloroethane	NELAP	10.2		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Chloroform	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Chloromethane	NELAP	10.2		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Cyclohexanone		102		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Dibromochloromethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Dibromomethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Dichlorodifluoromethane	NELAP	10.2		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Ethyl acetate	NELAP	51.0		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Ethyl ether	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-004  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H11-W (3)  
**Collection Date:** 11/23/2010 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	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Ethylbenzene	NELAP	5.1		9.0	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Heptane		20.4		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Hexachlorobutadiene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Hexachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Iodomethane	NELAP	10.2		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Isopropylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
m,p-Xylenes	NELAP	5.1		38.5	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Methacrylonitrile	NELAP	51.0		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Methyl Methacrylate	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.0		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Methylacrylate		10.2		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Methylene chloride	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Naphthalene	NELAP	10.2	J	2.3	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
n-Butylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
n-Hexane		20.4		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Nitrobenzene	NELAP	102		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
n-Propylbenzene	NELAP	5.1	J	2.1	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
o-Xylene	NELAP	5.1		9.6	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Pentachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
p-Isopropyltoluene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Propionitrile	NELAP	51.0		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
sec-Butylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Styrene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
tert-Butylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Tetrachloroethene	NELAP	5.1		20.9	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Tetrahydrofuran	NELAP	51.0		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Toluene	NELAP	5.1		5.3	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Trichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Trichlorofluoromethane	NELAP	5.1		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Vinyl acetate	NELAP	51.0		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Vinyl chloride	NELAP	2.0		ND	µg/Kg-dry	1	11/29/2010 6:22:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		110.1	%REC	1	11/29/2010 6:22:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.9	%REC	1	11/29/2010 6:22:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		109.3	%REC	1	11/29/2010 6:22:00 PM	RWE
Surr: Toluene-d8		86-116		96.3	%REC	1	11/29/2010 6:22:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-004  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI1-W (3)  
**Collection Date:** 11/23/2010 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	0.012	J	<b>0.011</b>	mg/Kg-dry	1	11/24/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		1.26	J	<b>0.98</b>	mg/Kg-dry	2	11/30/2010 10:47:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	1.26		<b>3.31</b>	mg/Kg-dry	2	12/1/2010 11:27:00 AM	KNS

### Sample Narrative

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

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

Hexachlorobenzene was outside upper LCS QC limits. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-005  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI1-W (8)  
**Collection Date:** 11/23/2010 11:32:00 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		13.6	%	1	11/24/2010 12:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		86.4	%	1	11/24/2010 12:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		2.88	mg/Kg-dry	1	11/30/2010 12:58:24 AM	JMW
Barium	NELAP	0.50		28.1	mg/Kg-dry	1	11/30/2010 12:13:11 PM	JMW
Cadmium	NELAP	0.20	J	0.10	mg/Kg-dry	1	11/30/2010 12:58:24 AM	JMW
Chromium	NELAP	1.00		16.5	mg/Kg-dry	1	11/30/2010 12:58:24 AM	JMW
Lead	NELAP	4.00		27.6	mg/Kg-dry	1	12/1/2010 12:50:38 PM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	11/30/2010 12:13:11 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.556	< 0.556	mg/Kg-dry	1	11/29/2010	HLR
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.004	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.004	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.076		ND	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Naphthalene	NELAP	0.004		0.004	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	12/1/2010 1:33:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		54.5	%REC	1	12/1/2010 1:33:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		72.4	%REC	1	12/1/2010 1:33:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		63.6	%REC	1	12/1/2010 1:33:00 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	12/4/2010 1:04:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-005  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H11-W (8)  
**Collection Date:** 11/23/2010 11:32:00 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	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.13		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
2-Chloronaphthalene	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
2-Chlorophenol	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
2-Methoxy-4-methylphenol		0.737		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
2-Methylnaphthalene	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
2-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
2-Nitrophenol	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
3-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.13		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
4-Chloroaniline	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
4-Nitroaniline	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
4-Nitrophenol	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Aniline	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Azobenzene		0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Benzidine	NELAP	1.20		see note	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Benzoic acid	NELAP	1.70		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Benzyl alcohol	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Carbazole		0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Dibenzofuran	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Diethyl phthalate	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Dimethyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Hexachlorobenzene	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**Client Project:** A831-735002-012901-225Ameren Ch

**WorkOrder:** 10111050

**Client Sample ID:** P6-H11-W (8)

**Lab ID:** 10111050-005

**Collection Date:** 11/23/2010 11:32:00 AM

**Report Date:** 13-Dec-10

**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	12/4/2010 1:04:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Hexachloroethane	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Isophorone	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
m,p-Cresol	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Nitrobenzene	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
o-Cresol	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Pentachlorophenol	NELAP	2.27		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Phenol	NELAP	0.397		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Pyridine	NELAP	0.567		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
1,2-Diphenylhydrazine		0.952		ND	mg/Kg-dry	1	12/4/2010 1:04:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		102.4	%REC	1	12/4/2010 1:04:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		87.6	%REC	1	12/4/2010 1:04:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		81.7	%REC	1	12/4/2010 1:04:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		63.1	%REC	1	12/4/2010 1:04:00 AM	DMH
Surr: Phenol-d5		34.9-110		79.5	%REC	1	12/4/2010 1:04:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		91.0	%REC	1	12/4/2010 1:04:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,1-Dichloro-2-propanone		54.8		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,1-Dichloroethane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,1-Dichloroethene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,1-Dichloropropene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,2,3-Trichloropropane	NELAP	11.0		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,2,3-Trimethylbenzene		5.5	J	3.7	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.5	J	4.4	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,2-Dibromoethane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-005  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H11-W (8)  
**Collection Date:** 11/23/2010 11:32:00 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	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,2-Dichloropropane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,3-Dichloropropane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
1-Chlorobutane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
2,2-Dichloropropane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
2-Butanone	NELAP	54.8		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
2-Chlorotoluene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
2-Hexanone	NELAP	54.8		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
2-Nitropropane	NELAP	54.8		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
4-Chlorotoluene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
4-Methyl-2-pentanone	NELAP	54.8		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Acetone	NELAP	54.8	J	21	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Acrolein	NELAP	110		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Acrylonitrile	NELAP	11.0		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Allyl chloride	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Benzene	NELAP	1.1		11.2	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Bromobenzene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Bromochloromethane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Bromodichloromethane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Bromoform	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Bromomethane	NELAP	11.0		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Carbon disulfide	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Carbon tetrachloride	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Chlorobenzene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Chloroethane	NELAP	11.0		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Chloroform	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Chloromethane	NELAP	11.0		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Cyclohexanone		110		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Dibromochloromethane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Dibromomethane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Dichlorodifluoromethane	NELAP	11.0		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Ethyl acetate	NELAP	54.8		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Ethyl ether	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-005  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H11-W (8)  
**Collection Date:** 11/23/2010 11:32:00 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	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Ethylbenzene	NELAP	5.5		21.0	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Heptane		21.9		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Hexachlorobutadiene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Hexachloroethane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Iodomethane	NELAP	11.0		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Isopropylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
m,p-Xylenes	NELAP	5.5		70.4	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Methacrylonitrile	NELAP	54.8		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Methyl Methacrylate	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.2		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Methylacrylate		11.0		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Methylene chloride	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Naphthalene	NELAP	11.0	J	2.3	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
n-Butylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
n-Hexane		21.9	J	13	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Nitrobenzene	NELAP	110		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
n-Propylbenzene	NELAP	5.5	J	3.1	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
o-Xylene	NELAP	5.5		18.4	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Pentachloroethane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
p-Isopropyltoluene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Propionitrile	NELAP	54.8		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
sec-Butylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Styrene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
tert-Butylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Tetrachloroethene	NELAP	5.5	J	2.5	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Tetrahydrofuran	NELAP	54.8		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Toluene	NELAP	5.5		119	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Trichloroethene	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Trichlorofluoromethane	NELAP	5.5		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Vinyl acetate	NELAP	54.8		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Vinyl chloride	NELAP	2.2		ND	µg/Kg-dry	1	11/29/2010 6:52:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		112.4	%REC	1	11/29/2010 6:52:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		88.4	%REC	1	11/29/2010 6:52:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		110.9	%REC	1	11/29/2010 6:52:00 PM	RWE
Surr: Toluene-d8		86-116		102.7	%REC	1	11/29/2010 6:52:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-005  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-HI1-W (8)  
**Collection Date:** 11/23/2010 11:32:00 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>0.005</b>	mg/Kg-dry	1	11/24/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.579		<b>&lt; 0.579</b>	mg/Kg-dry	1	11/30/2010 10:47:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.58		<b>&lt; 0.58</b>	mg/Kg-dry	1	12/1/2010 11:27:00 AM	KNS

### Sample Narrative

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

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

Hexachlorobenzene was outside upper LCS QC limits. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-006  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H11-W (16)  
**Collection Date:** 11/23/2010 11:40:00 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		10.6	%	1	11/24/2010 12:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.4	%	1	11/24/2010 12:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		3.00	mg/Kg-dry	1	11/30/2010 12:45:34 PM	JMW
Barium	NELAP	0.49		12.5	mg/Kg-dry	1	11/30/2010 1:15:11 AM	JMW
Cadmium	NELAP	0.20	J	0.12	mg/Kg-dry	1	11/30/2010 1:15:11 AM	JMW
Chromium	NELAP	0.98		13.3	mg/Kg-dry	1	11/30/2010 1:15:11 AM	JMW
Lead	NELAP	3.92		9.28	mg/Kg-dry	1	11/30/2010 1:15:11 AM	JMW
Silver	NELAP	0.54		0.55	mg/Kg-dry	1	11/30/2010 12:45:34 PM	JMW
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	12/1/2010 10:34:22 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.007		ND	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Acenaphthylene	NELAP	0.007		ND	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Anthracene	NELAP	0.007		ND	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Benzo(a)anthracene	NELAP	0.007		0.009	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Benzo(a)pyrene	NELAP	0.007		ND	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.007		ND	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.007		0.010	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.007		ND	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.145		ND	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Chrysene	NELAP	0.007		ND	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.007		ND	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Fluoranthene	NELAP	0.007		ND	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Fluorene	NELAP	0.007		ND	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.007		ND	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Naphthalene	NELAP	0.007	J	0.007	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Phenanthrene	NELAP	0.007		0.024	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Pyrene	NELAP	0.007	J	0.007	mg/Kg-dry	1	12/1/2010 2:07:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		55.3	%REC	1	12/1/2010 2:07:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		70.5	%REC	1	12/1/2010 2:07:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		67.9	%REC	1	12/1/2010 2:07:00 AM	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	1	12/6/2010 2:52:00 PM	DMH
1,2-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
1,3-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
1,4-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-006  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H11-W (16)  
**Collection Date:** 11/23/2010 11:40:00 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	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
2,4-Dichlorophenol	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
2,4-Dimethylphenol	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
2,4-Dinitrophenol	NELAP	2.16		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
2-Chloronaphthalene	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
2-Chlorophenol	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
2-Methoxy-4-methylphenol		1.41		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
2-Methylnaphthalene	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
2-Nitroaniline	NELAP	2.16		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
2-Nitrophenol	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
3-Nitroaniline	NELAP	2.16		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.16		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
4-Chloroaniline	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
4-Nitroaniline	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
4-Nitrophenol	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Aniline	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Azobenzene		0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Benzidine	NELAP	2.29		see note	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Benzoic acid	NELAP	3.25		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Benzyl alcohol	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Carbazole		1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Dibenzofuran	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Diethyl phthalate	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Dimethyl phthalate	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Hexachlorobenzene	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-006  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H11-W (16)  
**Collection Date:** 11/23/2010 11:40:00 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	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Hexachloroethane	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Isophorone	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
m,p-Cresol	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Nitrobenzene	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
N-Nitrosodimethylamine	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
o-Cresol	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Pentachlorophenol	NELAP	4.33		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Phenol	NELAP	0.757		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Pyridine	NELAP	1.08		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
1,2-Diphenylhydrazine		1.82		ND	mg/Kg-dry	1	12/6/2010 2:52:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		61.3	%REC	1	12/6/2010 2:52:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		74.9	%REC	1	12/6/2010 2:52:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		66.5	%REC	1	12/6/2010 2:52:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.2	%REC	1	12/6/2010 2:52:00 PM	DMH
Surr: Phenol-d5		34.9-110		69.6	%REC	1	12/6/2010 2:52:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		88.0	%REC	1	12/6/2010 2:52:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,1,1-Trichloroethane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,1,2-Trichloroethane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,1-Dichloro-2-propanone		86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,1-Dichloroethane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,1-Dichloroethene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,1-Dichloropropene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,2,3-Trichloropropane	NELAP	173		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,2,3-Trimethylbenzene		86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,2-Dibromoethane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,2-Dichlorobenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-006  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H11-W (16)  
**Collection Date:** 11/23/2010 11:40:00 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	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,2-Dichloropropane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,3-Dichlorobenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,3-Dichloropropane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1,4-Dichlorobenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
1-Chlorobutane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
2,2-Dichloropropane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
2-Butanone	NELAP	865		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
2-Chlorotoluene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
2-Hexanone	NELAP	865		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
2-Nitropropane	NELAP	865		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
4-Chlorotoluene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
4-Methyl-2-pentanone	NELAP	865		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Acetone	NELAP	865		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Acrolein	NELAP	1730		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Acrylonitrile	NELAP	173		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Allyl chloride	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Benzene	NELAP	17.3		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Bromobenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Bromochloromethane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Bromodichloromethane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Bromoform	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Bromomethane	NELAP	173		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Carbon disulfide	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Carbon tetrachloride	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Chlorobenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Chloroethane	NELAP	173		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Chloroform	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Chloromethane	NELAP	173		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	69.2		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Cyclohexanone		1730		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Dibromochloromethane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Dibromomethane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Dichlorodifluoromethane	NELAP	173		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Ethyl acetate	NELAP	865	J	280	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Ethyl ether	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-006  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H11-W (16)  
**Collection Date:** 11/23/2010 11:40:00 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	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Ethylbenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Heptane		346		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Hexachlorobutadiene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Hexachloroethane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Iodomethane	NELAP	173		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Isopropylbenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
m,p-Xylenes	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Methacrylonitrile	NELAP	865		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Methyl Methacrylate	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Methyl tert-butyl ether	NELAP	34.6		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Methylacrylate		173		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Methylene chloride	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Naphthalene	NELAP	173		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
n-Butylbenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
n-Hexane		346		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Nitrobenzene	NELAP	1730		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
n-Propylbenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
o-Xylene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Pentachloroethane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
p-Isopropyltoluene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Propionitrile	NELAP	865		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
sec-Butylbenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Styrene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
tert-Butylbenzene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Tetrachloroethene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Tetrahydrofuran	NELAP	865		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Toluene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	69.2		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Trichloroethene	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Trichlorofluoromethane	NELAP	86.5		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Vinyl acetate	NELAP	865		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Vinyl chloride	NELAP	34.6		ND	µg/Kg-dry	12.5	11/30/2010 1:22:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		98.4	%REC	12.5	11/30/2010 1:22:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		94.0	%REC	12.5	11/30/2010 1:22:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		95.5	%REC	12.5	11/30/2010 1:22:00 PM	RWE
Surr: Toluene-d8		86-116		102.3	%REC	12.5	11/30/2010 1:22:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10111050  
**Lab ID:** 10111050-006  
**Report Date:** 13-Dec-10

**Client Project:** A831-735002-012901-225Ameren Ch  
**Client Sample ID:** P6-H11-W (16)  
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**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>0.004</b>	mg/Kg-dry	1	11/24/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.559		<b>&lt; 0.559</b>	mg/Kg-dry	1	11/30/2010 10:47:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.56		<b>&lt; 0.56</b>	mg/Kg-dry	1	12/1/2010 11:27:00 AM	KNS

### Sample Narrative

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

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

Hexachlorobenzene was outside upper QC limits in the LCS. Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

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

Elevated reporting limit due to sample composition.

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

Elevated reporting limit due to matrix interference.

Cyclohexanone LCS/LCSD RPD was outside of QC limit.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10111050

**Report Date:** 13-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10111050-001A	P6-HI2-W (3)	11/23/2010	Solid	SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD	11/30/2010 3:12:02 PM	12/1/2010 2:08:00 AM
				SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD	11/30/2010 3:12:02 PM	12/1/2010 2:24:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	11/30/2010 3:12:02 PM	11/30/2010 10:46:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 3:21:58 PM	11/30/2010 11:13:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 6:33:16 PM	12/3/2010 11:59:00 PM
				SW-846 8151A, Chlorinated Herbicides by GC/ECD		11/30/2010 11:28:00 PM
10111050-001B				EPA SW846 3550C, 5035A, ASTM D2974		11/24/2010 12:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/24/2010 12:00:00 PM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	11/30/2010 12:24:20 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	11/30/2010 12:07:45 PM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	12/1/2010 11:47:39 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	12/1/2010 1:57:02 PM
				SW-846 3050B, Metals by GFAA	11/29/2010 9:00:00 AM	11/29/2010 6:17:26 PM
				SW-846 7471A	11/24/2010 10:08:30 AM	11/24/2010
				SW-846 9012A		11/30/2010 10:47:00 AM
				SW-846 9012A (Total)		12/1/2010 11:27:00 AM
10111050-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 8:15:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/29/2010 4:53:00 PM
10111050-002A	P6-HI2-W (8)			SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	11/30/2010 12:30:23 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	11/30/2010 11:18:34 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	12/1/2010 11:50:20 AM
				SW-846 3050B, Metals by GFAA	11/29/2010 9:00:00 AM	11/29/2010 6:22:14 PM

ENVIRONMENTAL TESTING LABORATORY

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**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10111050

**Report Date:** 13-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10111050-002A	P6-HI2-W (8)	11/23/2010	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 3:21:58 PM	11/30/2010 11:48:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 6:33:16 PM	12/4/2010 12:31:00 AM
				SW-846 7471A	11/24/2010 10:08:30 AM	11/24/2010
10111050-002B				EPA SW846 3550C, 5035A, ASTM D2974		11/24/2010 12:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/24/2010 12:00:00 PM
				SW-846 9012A		11/30/2010 10:47:00 AM
				SW-846 9012A (Total)		12/1/2010 11:27:00 AM
10111050-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 8:47:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/29/2010 5:23:00 PM
10111050-003A	P6-HI2-W (16)			SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	11/30/2010 12:36:15 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	11/30/2010 11:20:50 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	12/1/2010 11:53:02 AM
				SW-846 3050B, Metals by GFAA	11/29/2010 9:00:00 AM	11/29/2010 6:27:02 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 3:21:58 PM	12/1/2010 12:23:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 3:21:58 PM	12/1/2010 10:14:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 6:33:16 PM	12/6/2010 2:21:00 PM
10111050-003B				SW-846 7471A	11/24/2010 10:08:30 AM	11/24/2010
				EPA SW846 3550C, 5035A, ASTM D2974		11/24/2010 12:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/24/2010 12:00:00 PM
				SW-846 9012A		11/30/2010 10:47:00 AM
10111050-003E				SW-846 9012A (Total)		12/1/2010 11:27:00 AM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 9:18:00 PM



ENVIRONMENTAL TESTING LABORATORY

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

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10111050

**Report Date:** 13-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10111050-003E	P6-HI2-W (16)	11/23/2010	Solid	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/29/2010 5:53:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/30/2010 12:52:00 PM
10111050-004A	P6-HI1-W (3)			SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	11/30/2010 12:52:32 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	11/30/2010 11:23:04 AM
				SW-846 3050B, Metals by GFAA	11/29/2010 9:00:00 AM	11/29/2010 6:41:24 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 3:21:58 PM	12/1/2010 12:58:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 6:33:16 PM	12/3/2010 11:26:00 PM
				SW-846 7471A	11/24/2010 10:08:30 AM	11/24/2010
10111050-004B				EPA SW846 3550C, 5035A, ASTM D2974		11/24/2010 12:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/24/2010 12:00:00 PM
				SW-846 9012A		11/30/2010 10:47:00 AM
				SW-846 9012A (Total)		12/1/2010 11:27:00 AM
10111050-004E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 9:48:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/29/2010 6:22:00 PM
10111050-005A	P6-HI1-W (8)			SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	11/30/2010 12:58:24 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	11/30/2010 12:13:11 PM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	12/1/2010 11:55:43 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	12/1/2010 12:50:38 PM
				SW-846 3050B, Metals by GFAA	11/29/2010 9:00:00 AM	11/29/2010
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 3:21:58 PM	12/1/2010 1:33:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 6:33:16 PM	12/4/2010 1:04:00 AM
				SW-846 7471A	11/24/2010 10:08:30 AM	11/24/2010

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

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**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

**Project:** A831-735002-012901-225Ameren Champaign 6240908012C

**Lab Order:** 10111050

**Report Date:** 13-Dec-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10111050-005B	P6-H11-W (8)	11/23/2010	Solid	EPA SW846 3550C, 5035A, ASTM D2974		11/24/2010 12:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/24/2010 12:00:00 PM
				SW-846 9012A		11/30/2010 10:47:00 AM
				SW-846 9012A (Total)		12/1/2010 11:27:00 AM
10111050-005E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 10:20:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/29/2010 6:52:00 PM
10111050-006A	P6-H11-W (16)			SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	11/30/2010 1:15:11 AM
				SW-846 3050B, 6010B, Metals by ICP	11/24/2010 12:50:21 PM	11/30/2010 12:45:34 PM
				SW-846 3050B, Metals by GFAA	11/29/2010 9:00:00 AM	12/1/2010 10:34:22 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 7:44:56 PM	12/1/2010 2:07:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	11/29/2010 6:33:16 PM	12/6/2010 2:52:00 PM
				SW-846 7471A	11/24/2010 10:08:30 AM	11/24/2010
10111050-006B				EPA SW846 3550C, 5035A, ASTM D2974		11/24/2010 12:00:00 PM
				Standard Methods 18th Ed. 2540 G		11/24/2010 12:00:00 PM
				SW-846 9012A		11/30/2010 10:47:00 AM
				SW-846 9012A (Total)		12/1/2010 11:27:00 AM
10111050-006E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/24/2010 10:51:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/29/2010 7:21:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		11/30/2010 1:22:00 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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MB-R143037</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>143037</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143037</b>		Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805612</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-R143037</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>143037</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143037</b>		Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805613</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.03 0.01 0.02500 0 107.1 85 115

Sample ID: <b>MB-R143120</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>143120</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143120</b>		Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807456</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-R143120</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>143120</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143120</b>		Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807457</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.03 0.01 0.02500 0 100.7 85 115

Sample ID: <b>MB-R143120</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>143120</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143120</b>		Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807458</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-R143120</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>143120</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143120</b>		Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807459</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: A\_TCND\_S\_MT\_9012A

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCS-R143120</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>143120</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R143120</b>		Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807459</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	0.03	0.01	0.02500	0	101.2	85	115				

Sample ID: <b>10111050-006BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>143120</b>							
Client ID: <b>P6-HI1-W (16)MS</b>	Batch ID: <b>R143120</b>		Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807467</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	1.57	0.56	1.398	0	112.0	75	125				

Sample ID: <b>10111050-006BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>143120</b>							
Client ID: <b>P6-HI1-W (16)MSD</b>	Batch ID: <b>R143120</b>		Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807468</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	1.60	0.56	1.398	0	114.4	75	125	1.566	2.07	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: I\_TS\_M\_MT

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCS-R142950</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>142950</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142950</b>		Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803873</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 0 101.0 90 110

Sample ID: <b>LCSQC</b>	SampType: <b>LCSQC</b>	Units: %	Prep Date:	RunNo: <b>142950</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R142950</b>		Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803874</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>10111050-003BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>142950</b>							
Client ID: <b>P6-HI2-W (16)DUP</b>	Batch ID: <b>R142950</b>		Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803888</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 89.5 0.1 89.53 0.0782 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_HG\_SOLID

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MB-64591</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142937</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64591</b>	<b>SOP 3063</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803423</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-64591</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142937</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64591</b>	<b>SOP 3063</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803424</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.237	0.010	0.2500	0	94.8	85	115				

Sample ID: <b>10111050-004AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142937</b>							
Client ID: <b>P6-HI1-W (3)MS</b>	Batch ID: <b>64591</b>	<b>SOP 3063</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803531</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.272	0.012	0.3034	0.01092	86.0	75	125				

Sample ID: <b>10111050-004AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142937</b>							
Client ID: <b>P6-HI1-W (3)MSD</b>	Batch ID: <b>64591</b>	<b>SOP 3063</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2803532</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.276	0.012	0.3034	0.01092	87.2	75	125	0.2719	1.33	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLID\_GF

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MB-64585</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804732</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-64585</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804733</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 2.78 0.600 3.000 0 92.6 80 120

Sample ID: <b>10111050-005AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>P6-HI1-W (8)MS</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2806349</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 2.96 0.556 2.778 0 106.5 70 130

Sample ID: <b>10111050-005AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143001</b>							
Client ID: <b>P6-HI1-W (8)MSD</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2806350</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 3.02 0.556 2.778 0 108.8 70 130 2.958 2.17 20

Sample ID: <b>MB-64585</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143095</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806816</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-64585</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143095</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806817</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: M\_SOLID\_GF

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCS-64585</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143095</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64585</b>	<b>SOP 3042</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806817</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	3.02	0.600	3.000	0	100.5	80	120			

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MB-64593</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142989</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804822</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				
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Sample ID: <b>LCS-64593</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142989</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804825</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	192	2.50	200.0	0	96.1	85	115				
Barium	181	0.50	200.0	0	90.4	85	115				
Cadmium	4.70	0.20	5.000	0	94.0	85	115				
Lead	46.8	4.00	50.00	0	93.7	85	115				

Sample ID: <b>10111050-005AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142989</b>							
Client ID: <b>P6-HI1-W (8)MS</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2804851</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	177	2.50	200.0	2.880	87.1	75	125				
Cadmium	3.97	0.20	5.000	0.1000	77.4	75	125				
Chromium	33.3	1.00	20.00	16.53	83.8	75	125				

Sample ID: <b>10111050-005AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142989</b>							
Client ID: <b>P6-HI1-W (8)MSD</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2804852</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	184	2.50	200.0	2.880	90.4	75	125	177.1	3.66	20	
Cadmium	4.25	0.20	5.000	0.1000	83.0	75	125	3.970	6.81	20	
Chromium	37.4	1.00	20.00	16.53	104.2	75	125	33.28	11.6	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MB-64593</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143025</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805361</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Silver < 0.55 0.55 0.5500 0 0 -100 100

Sample ID: <b>LCS-64593</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143025</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805362</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Silver 5.46 0.55 5.000 0 109.2 85 115

Sample ID: <b>MB-64593</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143027</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805420</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Silver < 0.55 0.55 0.5500 0 0 -100 100

Sample ID: <b>LCS-64593</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143027</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805421</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Silver 5.51 0.55 5.000 0 110.2 85 115

Sample ID: <b>10111050-005AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143027</b>							
Client ID: <b>P6-HI1-W (8)MS</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805706</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Barium 203 0.50 200.0 28.07 87.5 75 125

Silver 5.47 0.55 5.000 0 109.4 75 125

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>10111050-005AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143027</b>							
Client ID: <b>P6-HI1-W (8)MSD</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805707</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	203	0.50	200.0	28.07	87.4	75	125	203.1	0.148	20	
Silver	5.24	0.55	5.000	0	104.8	75	125	5.470	4.30	20	

Sample ID: <b>MB-64593</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143076</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806664</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	0.62	1.00	1.000	0	62.0	-100	100				J

Sample ID: <b>LCS-64593</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143076</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806665</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	19.9	1.00	20.00	0	99.3	85	115				

Sample ID: <b>MB-64593</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143076</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806877</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-64593</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143076</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806878</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	50.9	4.00	50.00	0	101.7	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: M\_SOLIDS\_ICP

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>10111050-005AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143076</b>							
Client ID: <b>P6-HI1-W (8)MS</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806881</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	66.2	4.00	50.00	27.64	77.1	75	125				
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Sample ID: <b>10111050-005AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>143076</b>							
Client ID: <b>P6-HI1-W (8)MSD</b>	Batch ID: <b>64593</b>	<b>SOP 3032</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2806882</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	66.5	4.00	50.00	27.64	77.7	75	125	66.21	0.452	20	
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Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SC\_8151S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MB-R143442</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date:			RunNo: <b>143442</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>R143442</b>		Analysis Date: <b>11/30/2010</b>			SeqNo: <b>2815546</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	ND	0.05									
2,4,5-TP (Silvex)	ND	0.05									
2,4-D	ND	0.05									
2,4-DB	ND	0.05									
3,5-Dichlorobenzoic Acid	ND	0.05									
Acifluorfen	ND	0.05									
Bentazon	ND	0.05									
Chloramben	ND	0.05									
Dalapon	ND	0.05									
DCPA	ND	0.05									
Dicamba	ND	0.05									
Dichlorprop	ND	0.05									
Dinoseb	ND	0.05									
Pentachlorophenol	ND	0.05									
Picloram	ND	0.05									
Surr: DCAA	0.07		0.07600		89.7	50	136				

Sample ID: <b>LCS-R143442</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date:			RunNo: <b>143442</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>R143442</b>		Analysis Date: <b>12/1/2010</b>			SeqNo: <b>2815547</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	0.02	0.05	0.02933	0	61.4	50	148				J
2,4,5-TP (Silvex)	0.02	0.05	0.02933	0	78.4	50	150				J
2,4-D	0.04	0.05	0.05867	0	64.8	50	150				J
2,4-DB	0.16	0.05	0.2347	0	69.9	50	150				J
3,5-Dichlorobenzoic Acid	0.03	0.05	0.02933	0	92.0	50	139				J
Acifluorfen	0.02	0.05	0.02933	0	78.4	50	150				J
Bentazon	0.07	0.05	0.05867	0	115.9	50	137				J
Chloramben	0.02	0.05	0.02933	0	61.4	16	106				J
Dalapon	0.18	0.05	0.3813	0	48.0	18	103				J
DCPA	0.02	0.05	0.02933	0	85.2	50	150				J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SC\_8151S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCS-R143442</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>			Prep Date:			RunNo: <b>143442</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>R143442</b>					Analysis Date: <b>12/1/2010</b>			SeqNo: <b>2815547</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Dicamba	0.03	0.05	0.02933	0	102.3	50	150				J	
Dichlorprop	0.08	0.05	0.08800	0	85.2	50	150					
Dinoseb	0.02	0.05	0.05867	0	25.6	10	69				J	
Pentachlorophenol	0.01	0.05	0.02933	0	47.7	50	139				JS	
Picloram	0.04	0.05	0.02933	0	122.7	50	150				J	
Surr: DCAA	0.06		0.07600		75.7	50	136					

Sample ID: <b>10111050-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>			Prep Date:			RunNo: <b>143442</b>		
Client ID: <b>P6-HI2-W (3)MS</b>		Batch ID: <b>R143442</b>					Analysis Date: <b>11/30/2010</b>			SeqNo: <b>2816189</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
2,4,5-T	0.05	0.07	0.05387	0	89.1	50	150					
2,4,5-TP (Silvex)	0.07	0.07	0.05387	0	122.5	50	150					
2,4-D	0.07	0.07	0.1077	0	62.2	50	150					
2,4-DB	0.48	0.07	0.4310	0	112.3	50	143					
3,5-Dichlorobenzoic Acid	0.06	0.07	0.05387	0	107.7	50	150					
Acifluorfen	0.06	0.07	0.05387	0	115.1	50	150					
Bentazon	0.09	0.07	0.1077	0	83.5	50	150					
Chloramben	0.06	0.07	0.05387	0	107.7	10	104				S	
Dalapon	0.67	0.07	0.7004	0	95.9	34	142					
DCPA	0.06	0.07	0.05387	0	118.8	50	136					
Dicamba	0.07	0.07	0.05387	0	129.9	50	150					
Dichlorprop	0.11	0.07	0.1616	0	69.3	50	150					
Dinoseb	0.04	0.07	0.1077	0	34.3	10	74					
Pentachlorophenol	0.02	0.07	0.05387	0	35.3	50	150				S	
Picloram	0.05	0.07	0.05387	0	98.4	50	150					
Surr: DCAA	0.13		0.1396		92.4	50	136					

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SC\_8151S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	0.04	0.07	0.05379	0	72.5	50	150	0.04800	20.7	30	
2,4,5-TP (Silvex)	0.05	0.07	0.05379	0	94.8	50	150	0.06600	25.6	30	
2,4-D	0.07	0.07	0.1076	0	62.3	50	150	0.06700	0	30	
2,4-DB	0.44	0.07	0.4304	0	102.2	50	143	0.4840	9.52	30	
3,5-Dichlorobenzoic Acid	0.05	0.07	0.05379	0	100.4	50	150	0.05800	7.14	30	
Acifluorfen	0.05	0.07	0.05379	0	89.2	50	150	0.06200	25.5	30	
Bentazon	0.08	0.07	0.1076	0	70.6	50	150	0.09000	16.9	30	
Chloramben	0.05	0.07	0.05379	0	85.5	10	104	0.05800	23.1	30	
Dalapon	0.85	0.07	0.6993	0	121.3	34	142	0.6720	23.2	30	
DCPA	0.05	0.07	0.05379	0	94.8	50	136	0.06400	22.6	30	
Dicamba	0.06	0.07	0.05379	0	104.1	50	150	0.07000	22.2	30	
Dichlorprop	0.12	0.07	0.1614	0	75.0	50	150	0.1120	7.73	30	
Dinoseb	0.06	0.07	0.1076	0	56.7	10	74	0.03700	49.0	30	R
Pentachlorophenol	0.01	0.07	0.05379	0	24.2	50	150	0.01900	37.5	30	SR
Picloram	0.05	0.07	0.05379	0	85.5	50	150	0.05300	14.1	30	
Surr: DCAA	0.12		0.1394		87.5	50	136		0	0	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MB-64655</b>		SampType: <b>MBLK</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/30/2010</b>		RunNo: <b>143083</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64655</b>		<b>SW3550B</b>		Analysis Date: <b>12/1/2010</b>		SeqNo: <b>2806600</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	1.67									
4,4'-DDE	ND	1.67									
Alachlor	ND	1.67									
Aldrin	ND	1.67									
alpha-BHC	ND	1.67									
alpha-Chlordane	ND	1.67									
beta-BHC	ND	1.67									
Chlordane	ND	3.34									
delta-BHC	ND	1.67									
Dieldrin	ND	1.67									
Endosulfan I	ND	1.67									
Endosulfan II	ND	1.67									
Endosulfan sulfate	ND	1.67									
Endrin	ND	1.67									
Endrin aldehyde	ND	1.67									
Endrin ketone	ND	1.67									
gamma-BHC	ND	1.67									
gamma-Chlordane	ND	1.67									
Heptachlor	ND	1.67									
Heptachlor epoxide	ND	1.67									
Methoxychlor	ND	1.67									
Toxaphene	ND	30.0									
Surr: Decachlorobiphenyl	8.83		8.330		106.0	73.5	150				
Surr: Tetrachloro-m-xylene	5.80		8.330		69.6	14.4	113				

Sample ID: <b>LCSPST-64655</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/30/2010</b>		RunNo: <b>143083</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64655</b>		<b>SW3550B</b>		Analysis Date: <b>12/1/2010</b>		SeqNo: <b>2806601</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	6.18	1.67	8.330	0	74.1	36	208				
4,4'-DDE	6.04	1.67	8.330	0	72.5	26	191				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCSPST-64655</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/30/2010</b>		RunNo: <b>143083</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64655</b>		<b>SW3550B</b>		Analysis Date: <b>12/1/2010</b>		SeqNo: <b>2806601</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alachlor	9.82	1.67	8.330	0	117.8	30	170				
Aldrin	5.29	1.67	8.330	0	63.5	46	173				
alpha-BHC	4.58	1.67	8.330	0	55.0	37	179				
alpha-Chlordane	6.19	1.67	8.330	0	74.3	38	187				
beta-BHC	6.36	1.67	8.330	0	76.4	51	185				
delta-BHC	6.00	1.67	8.330	0	72.0	46	166				
Dieldrin	6.03	1.67	8.330	0	72.4	26	216				
Endosulfan I	6.11	1.67	8.330	0	73.3	31	205				
Endosulfan II	6.57	1.67	8.330	0	78.9	42	187				
Endosulfan sulfate	6.91	1.67	8.330	0	83.0	29	230				
Endrin	6.40	1.67	8.330	0	76.8	30	215				
Endrin aldehyde	6.42	1.67	8.330	0	77.1	42	202				
Endrin ketone	7.91	1.67	8.330	0	94.9	19	244				
gamma-BHC	5.58	1.67	8.330	0	67.0	55	166				
gamma-Chlordane	6.39	1.67	8.330	0	76.7	23	186				
Heptachlor	5.58	1.67	8.330	0	67.0	43	172				
Heptachlor epoxide	6.35	1.67	8.330	0	76.2	39	204				
Methoxychlor	7.70	1.67	8.330	0	92.4	3	221				
Surr: Decachlorobiphenyl	8.95		8.330		107.4	50.4	176				
Surr: Tetrachloro-m-xylene	5.47		8.330		65.7	10	107				

Sample ID: <b>10111050-001AMSP</b>		SampType: <b>MS</b>		Units: <b>µg/Kg-dry</b>		Prep Date: <b>11/30/2010</b>		RunNo: <b>143083</b>			
Client ID: <b>P6-HI2-W (3)MS</b>		Batch ID: <b>64655</b>		<b>SW3550B</b>		Analysis Date: <b>12/1/2010</b>		SeqNo: <b>2806605</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	7.65	2.06	10.27	0	74.4	36	208				
4,4'-DDE	7.06	2.06	10.27	0	68.7	26	191				
Alachlor	12.0	2.06	10.27	0	117.2	30	170				
Aldrin	6.14	2.06	10.27	0	59.7	46	173				
alpha-BHC	5.35	2.06	10.27	0	52.0	37	179				
alpha-Chlordane	7.12	2.06	10.27	0	69.3	38	187				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: 10111050-001AMSP		SampType: MS		Units: µg/Kg-dry		Prep Date: 11/30/2010		RunNo: 143083			
Client ID: P6-HI2-W (3)MS		Batch ID: 64655		SW3550B		Analysis Date: 12/1/2010		SeqNo: 2806605			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
beta-BHC	8.05	2.06	10.27	0	78.4	51	185				
delta-BHC	7.13	2.06	10.27	0	69.4	46	166				
Dieldrin	7.06	2.06	10.27	0	68.7	26	216				
Endosulfan I	6.92	2.06	10.27	0	67.3	31	205				
Endosulfan II	7.80	2.06	10.27	0	75.9	42	187				
Endosulfan sulfate	9.00	2.06	10.27	0	87.6	29	230				
Endrin	7.76	2.06	10.27	0	75.5	30	215				
Endrin aldehyde	7.89	2.06	10.27	0	76.8	42	202				
Endrin ketone	9.89	2.06	10.27	0	96.3	19	244				
gamma-BHC	6.28	2.06	10.27	0	61.1	55	166				
gamma-Chlordane	7.29	2.06	10.27	0	71.0	23	186				
Heptachlor	6.44	2.06	10.27	0	62.7	43	172				
Heptachlor epoxide	7.47	2.06	10.27	0	72.7	39	204				
Methoxychlor	9.39	2.06	10.27	0	91.4	3	221				
Surr: Decachlorobiphenyl	10.2		10.27		99.1	48	149				
Surr: Tetrachloro-m-xylene	6.18		10.27		60.1	19	145				

Sample ID: 10111050-001AMSD		SampType: MSD		Units: µg/Kg-dry		Prep Date: 11/30/2010		RunNo: 143083			
Client ID: P6-HI2-W (3)MSD		Batch ID: 64655		SW3550B		Analysis Date: 12/1/2010		SeqNo: 2806606			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	7.77	2.07	10.33	0	75.2	36	208	7.645	1.58	40	
4,4'-DDE	7.20	2.07	10.33	0	69.7	26	191	7.055	2.00	40	
Alachlor	12.6	2.07	10.33	0	121.6	30	170	12.05	4.17	40	
Aldrin	6.41	2.07	10.33	0	62.0	46	173	6.136	4.36	40	
alpha-BHC	5.71	2.07	10.33	0	55.3	37	179	5.346	6.62	40	
alpha-Chlordane	7.30	2.07	10.33	0	70.7	38	187	7.119	2.56	40	
beta-BHC	7.89	2.07	10.33	0	76.3	51	185	8.054	2.11	40	
delta-BHC	7.42	2.07	10.33	0	71.8	46	166	7.125	4.02	40	
Dieldrin	7.23	2.07	10.33	0	70.0	26	216	7.060	2.39	40	
Endosulfan I	7.12	2.07	10.33	0	68.9	31	205	6.917	2.84	40	

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>10111050-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>µg/Kg-dry</b>		Prep Date: <b>11/30/2010</b>			RunNo: <b>143083</b>		
Client ID: <b>P6-HI2-W (3)MSD</b>		Batch ID: <b>64655</b>		<b>SW3550B</b>		Analysis Date: <b>12/1/2010</b>			SeqNo: <b>2806606</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endosulfan II	7.97	2.07	10.33	0	77.2	42	187	7.795	2.24	40	
Endosulfan sulfate	9.29	2.07	10.33	0	89.9	29	230	9.001	3.12	40	
Endrin	7.98	2.07	10.33	0	77.2	30	215	7.756	2.84	40	
Endrin aldehyde	8.12	2.07	10.33	0	78.6	42	202	7.887	2.89	40	
Endrin ketone	10.2	2.07	10.33	0	98.6	19	244	9.892	2.97	40	
gamma-BHC	6.65	2.07	10.33	0	64.3	55	166	6.278	5.71	40	
gamma-Chlordane	7.50	2.07	10.33	0	72.6	23	186	7.292	2.78	40	
Heptachlor	6.77	2.07	10.33	0	65.5	43	172	6.442	4.99	40	
Heptachlor epoxide	7.71	2.07	10.33	0	74.6	39	204	7.467	3.17	40	
Methoxychlor	9.63	2.07	10.33	0	93.2	3	221	9.395	2.52	40	
Surr: Decachlorobiphenyl	11.2		10.33		108.0	48	149		0	40	
Surr: Tetrachloro-m-xylene	6.93		10.33		67.1	19	145		0	40	

Sample ID: <b>MB-64655</b>		SampType: <b>MBLK</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/30/2010</b>			RunNo: <b>143103</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64655</b>		<b>SW3550B</b>		Analysis Date: <b>12/1/2010</b>			SeqNo: <b>2807065</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	ND	1.67									

Sample ID: <b>LCSPST-64655</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>11/30/2010</b>			RunNo: <b>143103</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>64655</b>		<b>SW3550B</b>		Analysis Date: <b>12/1/2010</b>			SeqNo: <b>2807066</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	9.11	1.67	8.330	0	109.3	3	215				

Sample ID: <b>10111050-001AMSP</b>		SampType: <b>MS</b>		Units: <b>µg/Kg-dry</b>		Prep Date: <b>11/30/2010</b>			RunNo: <b>143103</b>		
Client ID: <b>P6-HI2-W (3)MS</b>		Batch ID: <b>64655</b>		<b>SW3550B</b>		Analysis Date: <b>12/1/2010</b>			SeqNo: <b>2807070</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	9.99	2.06	10.27	0	97.2	3	215				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8081S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>10111050-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>µg/Kg-dry</b>	Prep Date: <b>11/30/2010</b>	RunNo: <b>143103</b>							
Client ID: <b>P6-HI2-W (3)MSD</b>	Batch ID: <b>64655</b>	<b>SW3550B</b>	Analysis Date: <b>12/1/2010</b>	SeqNo: <b>2807106</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	10.4	2.07	10.33	0	100.9	3	215	9.988	4.25	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8082S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MB-64655</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/30/2010</b>	RunNo: <b>143035</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64655</b>	<b>SW3550B</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806461</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	37.5									
Aroclor 1221	ND	37.5									
Aroclor 1232	ND	37.5									
Aroclor 1242	ND	37.5									
Aroclor 1248	ND	37.5									
Aroclor 1254	ND	37.5									
Aroclor 1260	ND	37.5									
Surr: Decachlorobiphenyl	7.7		8.300		93.1	47.2	128				
Surr: Tetrachloro-meta-xylene	6.8		8.300		81.8	21	98.9				

Sample ID: <b>LCSPCB-64655</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/30/2010</b>	RunNo: <b>143035</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64655</b>	<b>SW3550B</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806462</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	152	37.5	166.7	0	91.1	54.9	121				
Aroclor 1260	181	37.5	166.7	0	108.5	65.5	133				
Surr: Decachlorobiphenyl	8.1		8.300		97.8	47.2	128				
Surr: Tetrachloro-meta-xylene	6.0		8.300		72.4	21	98.9				

Sample ID: <b>10111050-001AMSP</b>	SampType: <b>MS</b>	Units: <b>µg/Kg-dry</b>	Prep Date: <b>11/30/2010</b>	RunNo: <b>143035</b>							
Client ID: <b>P6-HI2-W (3)MS</b>	Batch ID: <b>64655</b>	<b>SW3550B</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806472</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	172	46.5	206.8	0	83.2	35.8	143				
Aroclor 1260	200	46.5	206.8	0	96.6	22.3	152				
Surr: Decachlorobiphenyl	6.3		10.30		61.4	5	156				
Surr: Tetrachloro-meta-xylene	6.0		10.30		58.5	7.35	123				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8082S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	176	46.3	205.6	0	85.4	35.8	143	172.0	1.99	40	
Aroclor 1260	206	46.3	205.6	0	100.1	22.3	152	199.7	2.97	40	
Surr: Decachlorobiphenyl	7.9		10.24		77.5	5	156		0	40	
Surr: Tetrachloro-meta-xylene	7.3		10.24		71.8	7.35	123		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MB-64630</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143237</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64630</b>	<b>SW3550B</b>	Analysis Date: <b>12/3/2010</b>	SeqNo: <b>2810417</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	0.034									
Acenaphthylene	ND	0.034									
Aniline	ND	0.500									
Anthracene	ND	0.034									
Azobenzene	ND	0.350									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MB-64630</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143237</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64630</b>	<b>SW3550B</b>	Analysis Date: <b>12/3/2010</b>	SeqNo: <b>2810417</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benidine	ND	1.06									
Benzo(a)anthracene	ND	0.034									
Benzo(a)pyrene	ND	0.034									
Benzo(b)fluoranthene	ND	0.034									
Benzo(g,h,i)perylene	ND	0.034									
Benzo(k)fluoranthene	ND	0.034									
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	0.034									
Dibenzo(a,h)anthracene	ND	0.034									
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	0.034									
Fluorene	ND	0.034									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.034									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.034									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MB-64630</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143237</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64630</b>	<b>SW3550B</b>	Analysis Date: <b>12/3/2010</b>	SeqNo: <b>2810417</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	0.034									
Phenol	ND	0.350									
Pyrene	ND	0.034									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.75		1.670		105.0	52.1	113				
Surr: 2-Fluorobiphenyl	0.666		0.8350		79.8	46.3	106				
Surr: 2-Fluorophenol	1.26		1.670		75.6	50.6	89				
Surr: Nitrobenzene-d5	0.546		0.8350		65.4	42.4	99.2				
Surr: Phenol-d5	1.36		1.670		81.4	55.9	98.5				
Surr: p-Terphenyl-d14	0.780		0.8350		93.5	45.5	115				

Sample ID: <b>LCS-64630</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143237</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64630</b>	<b>SW3550B</b>	Analysis Date: <b>12/3/2010</b>	SeqNo: <b>2810418</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.35	0.500	1.670	0	81.0	43.9	92.2				
1,4-Dichlorobenzene	1.30	0.500	1.670	0	77.8	43.8	84.1				
2,4,5-Trichlorophenol	3.15	0.350	3.330	0	94.6	38.6	123				
2,4,6-Trichlorophenol	3.03	0.350	3.330	0	90.9	35.9	123				
2,4-Dimethylphenol	2.13	0.500	3.330	0	63.9	38.3	88				
2,4-Dinitrophenol	2.76	1.00	3.330	0	83.0	1.88	162				
2,4-Dinitrotoluene	1.44	0.350	1.670	0	86.3	48.6	102				
2-Chlorophenol	2.59	0.500	3.330	0	77.9	46.6	84				
4-Chloro-3-methylphenol	2.60	0.500	3.330	0	78.0	51.5	94.9				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCS-64630</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>					Prep Date: <b>11/29/2010</b>	RunNo: <b>143237</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64630</b>	<b>SW3550B</b>					Analysis Date: <b>12/3/2010</b>	SeqNo: <b>2810418</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	2.55	0.350	3.330	0	76.6	53.2	104				
Acenaphthene	1.21	0.034	1.670	0	72.5	50.8	113				
Acenaphthylene	1.48	0.034	1.670	0	88.4	52.8	121				
Anthracene	1.30	0.034	1.670	0	77.9	53.3	115				
Benzo(a)anthracene	1.38	0.034	1.670	0	82.6	62.3	110				
Benzo(a)pyrene	1.33	0.034	1.670	0	79.9	58.2	109				
Benzo(b)fluoranthene	1.38	0.034	1.670	0	82.7	51.8	107				
Benzo(g,h,i)perylene	1.40	0.034	1.670	0	84.1	49.6	121				
Benzo(k)fluoranthene	1.39	0.034	1.670	0	83.5	63.1	129				
Bis(2-ethylhexyl)phthalate	1.24	0.350	1.670	0	74.3	56.3	109				
Chrysene	2.08	0.034	1.670	0	124.4	58.4	115				S
Dibenzo(a,h)anthracene	1.46	0.034	1.670	0	87.2	54.9	120				
Diethyl phthalate	2.55	0.500	3.330	0	76.5	51.7	106				
Dimethyl phthalate	2.63	0.350	3.330	0	79.1	58.8	104				
Di-n-butyl phthalate	1.31	0.350	1.670	0	78.4	54.3	105				
Fluoranthene	1.55	0.034	1.670	0	92.8	61.6	113				
Fluorene	1.45	0.034	1.670	0	86.9	52.2	116				
Hexachlorobenzene	3.61	0.350	3.330	0	108.5	55.9	106				S
Hexachlorobutadiene	2.77	0.500	3.330	0	83.1	35.7	100				
Hexachloroethane	2.29	0.500	3.330	0	68.7	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.37	0.034	1.670	0	81.9	52.7	115				
m,p-Cresol	1.48	0.500	1.670	0	88.9	37.6	93.7				
Naphthalene	1.34	0.034	1.670	0	80.4	45.7	101				
Nitrobenzene	2.25	0.500	3.330	0	67.5	51.8	104				
N-Nitroso-di-n-propylamine	1.49	0.500	1.670	0	89.4	49.1	94.5				
o-Cresol	1.65	0.500	1.670	0	98.5	43	101				
Pentachlorophenol	3.16	2.00	3.330	0	94.8	42.2	102				
Phenanthrene	1.46	0.034	1.670	0	87.2	52.9	113				
Phenol	2.53	0.350	3.330	0	76.0	41.6	81.3				
Pyrene	1.57	0.034	1.670	0	94.2	60.7	115				
Pyridine	2.32	0.500	3.330	0	69.7	3.61	74.3				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCS-64630</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143237</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64630</b>	<b>SW3550B</b>	Analysis Date: <b>12/3/2010</b>	SeqNo: <b>2810418</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	1.72		1.670		102.9	52.1	113				
Surr: 2-Fluorobiphenyl	0.651		0.8350		78.0	46.3	106				
Surr: 2-Fluorophenol	1.34		1.670		80.5	50.6	89				
Surr: Nitrobenzene-d5	0.808		0.8350		96.8	42.4	99.2				
Surr: Phenol-d5	1.32		1.670		78.9	55.9	98.5				
Surr: p-Terphenyl-d14	0.732		0.8350		87.6	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MB-64624</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>143047</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64624</b>	<b>SW3550B</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2805848</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	ND	0.030									
2-Methylnaphthalene	ND	0.003									
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									
m,p-Cresol	ND	0.010									
Naphthalene	ND	0.003									
o-Cresol	ND	0.003									
Phenanthrene	ND	0.003									
Phenol	ND	0.030									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.117		0.1670		69.9	31.6	101				
Surr: 2-Fluorophenol	0.202		0.3330		60.5	42.2	90.4				
Surr: Nitrobenzene-d5	0.105		0.1670		62.9	22.2	110				
Surr: Phenol-d5	0.226		0.3330		67.8	44.6	93.7				
Surr: p-Terphenyl-d14	0.132		0.1670		79.3	34.5	120				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: LCS-64624	SampType: LCS	Units: mg/Kg					Prep Date: 11/29/2010	RunNo: 143047			
Client ID: ZZZZZZ	Batch ID: 64624	SW3550B					Analysis Date: 11/30/2010	SeqNo: 2805849			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dimethylphenol	0.102	0.030	0.1670	0	61.2	50	150				
2-Methylnaphthalene	0.121	0.003	0.1670	0	72.6	50	150				
Acenaphthene	0.117	0.003	0.1670	0	69.9	56.3	115				
Acenaphthylene	0.118	0.003	0.1670	0	70.4	60.3	143				
Anthracene	0.105	0.003	0.1670	0	62.7	52.1	109				
Benzo(a)anthracene	0.115	0.003	0.1670	0	68.7	52.8	112				
Benzo(a)pyrene	0.126	0.003	0.1670	0	75.2	40.8	127				
Benzo(b)fluoranthene	0.137	0.003	0.1670	0	82.1	50.1	150				
Benzo(g,h,i)perylene	0.138	0.003	0.1670	0	82.9	52.8	145				
Benzo(k)fluoranthene	0.128	0.003	0.1670	0	76.9	52	153				
Bis(2-ethylhexyl)phthalate	0.150	0.067	0.1670	0	89.8	50	150				
Chrysene	0.119	0.003	0.1670	0	71.3	60.8	128				
Dibenzo(a,h)anthracene	0.144	0.003	0.1670	0	86.0	54.9	150				
Diethyl phthalate	0.125	0.034	0.1670	0	75.0	50	150				
Dimethyl phthalate	0.133	0.034	0.1670	0	79.8	50	150				
Di-n-butyl phthalate	0.125	0.034	0.1670	0	74.7	50	150				
Fluoranthene	0.123	0.003	0.1670	0	73.7	58.7	125				
Fluorene	0.118	0.003	0.1670	0	70.8	57.8	125				
Indeno(1,2,3-cd)pyrene	0.141	0.003	0.1670	0	84.3	52	147				
m,p-Cresol	0.117	0.010	0.1670	0	69.8	50	150				
Naphthalene	0.112	0.003	0.1670	0	67.2	54.8	113				
o-Cresol	0.113	0.003	0.1670	0	67.5	50	150				
Phenanthrene	0.116	0.003	0.1670	0	69.2	60.4	121				
Phenol	0.113	0.030	0.1670	0	67.4	50	150				
Pyrene	0.124	0.003	0.1670	0	74.0	57.9	129				
Surr: 2-Fluorobiphenyl	0.113		0.1670		67.9	31.6	101				
Surr: 2-Fluorophenol	0.194		0.3330		58.2	42.2	90.4				
Surr: Nitrobenzene-d5	0.102		0.1670		60.8	22.2	110				
Surr: Phenol-d5	0.224		0.3330		67.2	44.6	93.7				
Surr: p-Terphenyl-d14	0.134		0.1670		80.2	34.5	120				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>10111050-006AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/29/2010</b>		RunNo: <b>143019</b>			
Client ID: <b>P6-HI1-W (16)MS</b>		Batch ID: <b>64624</b>		<b>SW3550B</b>		Analysis Date: <b>12/1/2010</b>		SeqNo: <b>2806243</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.257	0.007	0.3600	0	71.3	36	135				
Acenaphthylene	0.263	0.007	0.3600	0	73.1	17.2	167				
Anthracene	0.292	0.007	0.3600	0	81.0	39.3	124				
Benzo(a)anthracene	0.241	0.007	0.3600	0.008657	64.5	10	183				
Benzo(a)pyrene	0.280	0.007	0.3600	0	77.8	10	204				
Benzo(b)fluoranthene	0.257	0.007	0.3600	0	71.3	10.6	178				
Benzo(g,h,i)perylene	0.273	0.007	0.3600	0.009883	73.0	10	168				
Benzo(k)fluoranthene	0.255	0.007	0.3600	0	70.8	27.6	181				
Bis(2-ethylhexyl)phthalate	0.329	0.144	0.3600	0	91.3	50	150				
Chrysene	0.279	0.007	0.3600	0	77.6	10	176				
Dibenzo(a,h)anthracene	0.266	0.007	0.3600	0	74.0	12.2	156				
Fluoranthene	0.285	0.007	0.3600	0	79.2	10	227				
Fluorene	0.252	0.007	0.3600	0	69.9	35.2	148				
Indeno(1,2,3-cd)pyrene	0.269	0.007	0.3600	0	74.6	10	164				
Naphthalene	0.241	0.007	0.3600	0.006709	65.0	14.7	128				
Phenanthrene	0.291	0.007	0.3600	0.02402	74.2	32.8	143				
Pyrene	0.276	0.007	0.3600	0.006926	74.6	10	180				
Surr: p-Terphenyl-d14	0.262		0.3600		72.9	30.6	131				

Sample ID: <b>10111050-006AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>11/29/2010</b>		RunNo: <b>143019</b>			
Client ID: <b>P6-HI1-W (16)MSD</b>		Batch ID: <b>64624</b>		<b>SW3550B</b>		Analysis Date: <b>12/1/2010</b>		SeqNo: <b>2806244</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.280	0.007	0.3652	0	76.7	36	135	0.2568	8.65	49.7	
Acenaphthylene	0.293	0.007	0.3652	0	80.4	17.2	167	0.2631	10.9	33.3	
Anthracene	0.282	0.007	0.3652	0	77.3	39.3	124	0.2918	3.32	51.1	
Benzo(a)anthracene	0.253	0.007	0.3652	0.008657	66.8	10	183	0.2410	4.74	40.6	
Benzo(a)pyrene	0.279	0.007	0.3652	0	76.5	10	204	0.2801	0.206	56.4	
Benzo(b)fluoranthene	0.267	0.007	0.3652	0	73.1	10.6	178	0.2567	3.91	49.7	
Benzo(g,h,i)perylene	0.273	0.007	0.3652	0.009883	71.9	10	168	0.2726	0.00993	36.5	
Benzo(k)fluoranthene	0.263	0.007	0.3652	0	72.1	27.6	181	0.2548	3.32	42.6	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10111050

Report Date: 13-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-ethylhexyl)phthalate	0.343	0.147	0.3652	0	93.9	50	150	0.3288	4.20	60.3	
Chrysene	0.277	0.007	0.3652	0	75.8	10	176	0.2795	0.944	45.1	
Dibenzo(a,h)anthracene	0.269	0.007	0.3652	0	73.6	12.2	156	0.2664	0.829	39.9	
Fluoranthene	0.274	0.007	0.3652	0	75.0	10	227	0.2852	4.09	66.2	
Fluorene	0.267	0.007	0.3652	0	73.1	35.2	148	0.2517	5.86	65.6	
Indeno(1,2,3-cd)pyrene	0.271	0.007	0.3652	0	74.2	10	164	0.2686	0.887	36.5	
Naphthalene	0.246	0.007	0.3652	0.006709	65.5	14.7	128	0.2407	2.14	39.6	
Phenanthrene	0.302	0.007	0.3652	0.02402	76.1	32.8	143	0.2913	3.57	35.4	
Pyrene	0.278	0.007	0.3652	0.006926	74.2	10	180	0.2755	0.849	60.1	
Surr: p-Terphenyl-d14	0.243		0.3652		66.4	30.6	131		0	40	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCSD-F101124-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142976</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64618</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804288</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	51.2	5.0	50.00	0	102.5	0	200	50.39	1.65	20	
1,1,1-Trichloroethane	51.8	5.0	50.00	0	103.5	85.6	124	52.88	2.16	20	
1,1,2,2-Tetrachloroethane	53.0	5.0	50.00	0	106.1	0	200	52.76	0.548	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	52.7	5.0	50.00	0	105.5	0	200	54.71	3.67	20	
1,1,2-Trichloroethane	53.5	5.0	50.00	0	106.9	0	200	52.13	2.54	20	
1,1-Dichloro-2-propanone	151	50.0	125.0	0	121.0	0	200	148.5	1.86	20	
1,1-Dichloroethane	54.3	5.0	50.00	0	108.7	0	200	55.37	1.90	20	
1,1-Dichloroethene	50.8	5.0	50.00	0	101.5	60.1	131	51.60	1.66	20	
1,1-Dichloropropene	53.0	5.0	50.00	0	106.0	0	200	54.39	2.55	20	
1,2,3-Trichlorobenzene	50.2	5.0	50.00	0	100.3	0	200	48.62	3.14	20	
1,2,3-Trichloropropane	50.8	10	50.00	0	101.6	0	200	49.90	1.75	20	
1,2,3-Trimethylbenzene	50.0	5.0	50.00	0	99.9	0	200	50.27	0.619	20	
1,2,4-Trichlorobenzene	51.4	5.0	50.00	0	102.8	0	200	51.97	1.12	20	
1,2,4-Trimethylbenzene	50.7	5.0	50.00	0	101.4	0	200	51.83	2.22	20	
1,2-Dibromo-3-chloropropane	43.7	5.0	50.00	0	87.4	0	200	41.45	5.26	20	
1,2-Dibromoethane	54.4	5.0	50.00	0	108.8	86.9	119	52.45	3.63	20	
1,2-Dichlorobenzene	51.1	5.0	50.00	0	102.2	88	119	51.47	0.682	20	
1,2-Dichloroethane	60.6	5.0	50.00	0	121.1	73	117	60.87	0.494	20	S
1,2-Dichloropropane	53.7	5.0	50.00	0	107.4	0	200	53.81	0.205	20	
1,3,5-Trimethylbenzene	48.6	5.0	50.00	0	97.2	0	200	49.90	2.64	20	
1,3-Dichlorobenzene	50.8	5.0	50.00	0	101.6	85.8	125	51.77	1.93	20	
1,3-Dichloropropane	54.0	5.0	50.00	0	107.9	0	200	52.62	2.51	20	
1,4-Dichlorobenzene	50.7	5.0	50.00	0	101.4	84.5	124	51.64	1.88	20	
1-Chlorobutane	53.1	5.0	50.00	0	106.2	0	200	55.29	4.06	20	
2,2-Dichloropropane	53.5	5.0	50.00	0	107.0	0	200	55.17	3.04	20	
2-Butanone	140	50.0	125.0	0	111.8	45.3	136	134.5	3.87	20	
2-Chlorotoluene	50.3	5.0	50.00	0	100.5	0	200	51.45	2.34	20	
2-Hexanone	142	50.0	125.0	0	113.9	0	200	97.59	37.3	20	R
2-Nitropropane	477	50.0	500.0	0	95.5	0	200	409.0	15.4	20	
4-Chlorotoluene	49.6	5.0	50.00	0	99.2	0	200	50.99	2.80	20	
4-Methyl-2-pentanone	147	50.0	125.0	0	117.5	0	200	121.6	18.8	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCSD-F101124-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142976</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64618</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804288</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	366	50.0	125.0	0	293.1	0	200	275.8	28.2	20	SR
Acrylonitrile	56.0	10	50.00	0	112.1	0	200	53.19	5.24	20	
Allyl chloride	57.8	5.0	50.00	0	115.7	0	200	60.53	4.55	20	
Benzene	53.1	1.0	50.00	0	106.2	73.9	109	53.65	1.01	20	
Bromobenzene	51.7	5.0	50.00	0	103.4	0	200	52.43	1.38	20	
Bromochloromethane	56.0	5.0	50.00	0	112.0	0	200	56.38	0.694	20	
Bromodichloromethane	52.3	5.0	50.00	0	104.6	91.3	126	52.07	0.422	20	
Bromoform	45.8	5.0	50.00	0	91.7	0	200	44.16	3.73	20	
Bromomethane	30.8	10	50.00	0	61.7	0	200	30.57	0.912	20	
Carbon disulfide	51.2	5.0	50.00	0	102.5	0	200	52.09	1.66	20	
Carbon tetrachloride	53.8	5.0	50.00	0	107.5	83.3	127	54.65	1.64	20	
Chlorobenzene	52.5	5.0	50.00	0	105.0	85.8	116	52.06	0.842	20	
Chloroethane	52.5	10	50.00	0	105.1	0	200	52.42	0.210	20	
Chloroform	55.9	5.0	50.00	0	111.7	80	113	56.35	0.855	20	
Chloromethane	51.6	10	50.00	0	103.2	0	200	50.69	1.78	20	
cis-1,2-Dichloroethene	50.8	5.0	50.00	0	101.7	0	200	51.66	1.58	20	
cis-1,3-Dichloropropene	51.5	4.0	50.00	0	103.0	0	200	50.93	1.07	20	
Cyclohexanone	303	100	250.0	0	121.3	0	200	217.1	33.1	20	R
Dibromochloromethane	51.3	5.0	50.00	0	102.5	89.1	119	50.46	1.59	20	
Dibromomethane	52.4	5.0	50.00	0	104.7	0	200	51.67	1.31	20	
Dichlorodifluoromethane	44.7	10	50.00	0	89.4	0	200	44.60	0.246	20	
Ethyl acetate	50.4	50.0	50.00	0	100.9	0	200	49.56	1.76	20	
Ethyl ether	52.3	5.0	50.00	0	104.5	0	200	51.67	1.14	20	
Ethyl methacrylate	51.2	5.0	50.00	0	102.4	0	200	45.64	11.5	20	
Ethylbenzene	50.1	5.0	50.00	0	100.2	84.1	115	50.46	0.676	20	
Heptane	59.7	20.0	50.00	0	119.4	0	200	58.36	2.27	20	
Hexachlorobutadiene	50.4	5.0	50.00	0	100.7	0	200	51.73	2.68	20	
Hexachloroethane	44.7	5.0	50.00	0	89.5	0	200	45.44	1.55	20	
Iodomethane	65.0	10	50.00	0	130.1	0	200	63.25	2.79	20	
Isopropylbenzene	51.3	5.0	50.00	0	102.5	0	200	50.93	0.646	20	
m,p-Xylenes	103	5.0	100.0	0	102.9	79.1	111	103.1	0.233	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCSD-F101124-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/24/2010</b>	RunNo: <b>142976</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64618</b>	<b>SW5035</b>				Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804288</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	56.3	50.0	50.00	0	112.7	0	200	53.90	4.41	20	
Methyl Methacrylate	51.0	5.0	50.00	0	101.9	0	200	48.18	5.61	20	
Methyl tert-butyl ether	56.4	2.0	50.00	0	112.8	80	128	55.88	0.926	20	
Methylacrylate	57.2	10	50.00	0	114.3	0	200	55.68	2.64	20	
Methylene chloride	53.0	5.0	50.00	0	106.1	73.9	116	51.70	2.56	20	
Naphthalene	49.5	10	50.00	0	98.9	73.1	135	45.38	8.60	20	
n-Butylbenzene	52.1	5.0	50.00	0	104.2	0	200	53.34	2.33	20	
n-Hexane	55.3	20.0	50.00	0	110.7	0	200	58.03	4.76	20	
Nitrobenzene	283	100	500.0	0	56.7	0	200	177.0	46.2	20	R
n-Propylbenzene	50.3	5.0	50.00	0	100.5	0	200	52.18	3.73	20	
o-Xylene	51.2	5.0	50.00	0	102.5	82	117	50.61	1.22	20	
Pentachloroethane	50.2	5.0	50.00	0	100.5	0	200	52.04	3.50	20	
p-Isopropyltoluene	49.8	5.0	50.00	0	99.5	0	200	50.96	2.40	20	
Propionitrile	576	50.0	500.0	0	115.2	0	200	529.9	8.30	20	
sec-Butylbenzene	50.0	5.0	50.00	0	100	0	200	51.37	2.70	20	
Styrene	51.5	5.0	50.00	0	103.1	0	200	50.80	1.43	20	
tert-Butylbenzene	49.1	5.0	50.00	0	98.2	0	200	50.09	1.98	20	
Tetrachloroethene	49.0	5.0	50.00	0	98.0	74.6	115	48.59	0.881	20	
Tetrahydrofuran	53.1	50.0	50.00	0	106.1	0	200	50.50	4.94	20	
Toluene	50.9	5.0	50.00	0	101.9	79.1	112	51.53	1.15	20	
trans-1,2-Dichloroethene	55.3	5.0	50.00	0	110.6	0	200	56.46	2.04	20	
trans-1,3-Dichloropropene	54.1	4.0	50.00	0	108.2	0	200	53.28	1.49	20	
Trichloroethene	50.4	5.0	50.00	0	100.7	81	111	51.04	1.36	20	
Trichlorofluoromethane	50.3	5.0	50.00	0	100.6	0	200	51.83	2.96	20	
Vinyl acetate	42	50.0	50.00	0	84.6	0	200	43.10	0	20	J
Vinyl chloride	61.7	2.0	50.00	0	123.4	0	200	62.17	0.775	20	
Surr: 1,2-Dichloroethane-d4	60.8		50.00		121.6	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.0		50.00		100	82.1	116		0	20	
Surr: Dibromofluoromethane	54.2		50.00		108.5	77.7	120		0	20	
Surr: Toluene-d8	52.0		50.00		104.0	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: LCS-F101124-1	SampType: LCS	Units: µg/Kg				Prep Date: 11/24/2010	RunNo: 142976					
Client ID: ZZZZZZ	Batch ID: 64618	SW5035				Analysis Date: 11/24/2010	SeqNo: 2804289					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	50.4	5.0	50.00	0	100.8	0	200					
1,1,1-Trichloroethane	52.9	5.0	50.00	0	105.8	85.6	124					
1,1,2,2-Tetrachloroethane	52.8	5.0	50.00	0	105.5	0	200					
1,1,2-Trichloro-1,2,2-trifluoroethane	54.7	5.0	50.00	0	109.4	0	200					
1,1,2-Trichloroethane	52.1	5.0	50.00	0	104.3	0	200					
1,1-Dichloro-2-propanone	148	50.0	125.0	0	118.8	0	200					
1,1-Dichloroethane	55.4	5.0	50.00	0	110.7	0	200					
1,1-Dichloroethene	51.6	5.0	50.00	0	103.2	60.1	131					
1,1-Dichloropropene	54.4	5.0	50.00	0	108.8	0	200					
1,2,3-Trichlorobenzene	48.6	5.0	50.00	0	97.2	0	200					
1,2,3-Trichloropropane	49.9	10	50.00	0	99.8	0	200					
1,2,3-Trimethylbenzene	50.3	5.0	50.00	0	100.5	0	200					
1,2,4-Trichlorobenzene	52.0	5.0	50.00	0	103.9	0	200					
1,2,4-Trimethylbenzene	51.8	5.0	50.00	0	103.7	0	200					
1,2-Dibromo-3-chloropropane	41.4	5.0	50.00	0	82.9	0	200					
1,2-Dibromoethane	52.4	5.0	50.00	0	104.9	86.9	119					
1,2-Dichlorobenzene	51.5	5.0	50.00	0	102.9	88	119					
1,2-Dichloroethane	60.9	5.0	50.00	0	121.7	73	117				S	
1,2-Dichloropropane	53.8	5.0	50.00	0	107.6	0	200					
1,3,5-Trimethylbenzene	49.9	5.0	50.00	0	99.8	0	200					
1,3-Dichlorobenzene	51.8	5.0	50.00	0	103.5	85.8	125					
1,3-Dichloropropane	52.6	5.0	50.00	0	105.2	0	200					
1,4-Dichlorobenzene	51.6	5.0	50.00	0	103.3	84.5	124					
1-Chlorobutane	55.3	5.0	50.00	0	110.6	0	200					
2,2-Dichloropropane	55.2	5.0	50.00	0	110.3	0	200					
2-Butanone	134	50.0	125.0	0	107.6	45.3	136					
2-Chlorotoluene	51.4	5.0	50.00	0	102.9	0	200					
2-Hexanone	97.6	50.0	125.0	0	78.1	0	200					
2-Nitropropane	409	50.0	500.0	0	81.8	0	200					
4-Chlorotoluene	51.0	5.0	50.00	0	102.0	0	200					
4-Methyl-2-pentanone	122	50.0	125.0	0	97.2	0	200					

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: LCS-F101124-1	SampType: LCS	Units: µg/Kg					Prep Date: 11/24/2010	RunNo: 142976			
Client ID: ZZZZZZ	Batch ID: 64618	SW5035					Analysis Date: 11/24/2010	SeqNo: 2804289			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	276	50.0	125.0	0	220.6	0	200				S
Acrylonitrile	53.2	10	50.00	0	106.4	0	200				
Allyl chloride	60.5	5.0	50.00	0	121.1	0	200				
Benzene	53.6	1.0	50.00	0	107.3	73.9	109				
Bromobenzene	52.4	5.0	50.00	0	104.9	0	200				
Bromochloromethane	56.4	5.0	50.00	0	112.8	0	200				
Bromodichloromethane	52.1	5.0	50.00	0	104.1	91.3	126				
Bromoform	44.2	5.0	50.00	0	88.3	0	200				
Bromomethane	30.6	10	50.00	0	61.1	0	200				
Carbon disulfide	52.1	5.0	50.00	0	104.2	0	200				
Carbon tetrachloride	54.6	5.0	50.00	0	109.3	83.3	127				
Chlorobenzene	52.1	5.0	50.00	0	104.1	85.8	116				
Chloroethane	52.4	10	50.00	0	104.8	0	200				
Chloroform	56.4	5.0	50.00	0	112.7	80	113				
Chloromethane	50.7	10	50.00	0	101.4	0	200				
cis-1,2-Dichloroethene	51.7	5.0	50.00	0	103.3	0	200				
cis-1,3-Dichloropropene	50.9	4.0	50.00	0	101.9	0	200				
Cyclohexanone	217	100	250.0	0	86.8	0	200				
Dibromochloromethane	50.5	5.0	50.00	0	100.9	89.1	119				
Dibromomethane	51.7	5.0	50.00	0	103.3	0	200				
Dichlorodifluoromethane	44.6	10	50.00	0	89.2	0	200				
Ethyl acetate	50	50.0	50.00	0	99.1	0	200				J
Ethyl ether	51.7	5.0	50.00	0	103.3	0	200				
Ethyl methacrylate	45.6	5.0	50.00	0	91.3	0	200				
Ethylbenzene	50.5	5.0	50.00	0	100.9	84.1	115				
Heptane	58.4	20.0	50.00	0	116.7	0	200				
Hexachlorobutadiene	51.7	5.0	50.00	0	103.5	0	200				
Hexachloroethane	45.4	5.0	50.00	0	90.9	0	200				
Iodomethane	63.2	10	50.00	0	126.5	0	200				
Isopropylbenzene	50.9	5.0	50.00	0	101.9	0	200				
m,p-Xylenes	103	5.0	100.0	0	103.1	79.1	111				

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: LCS-F101124-1	SampType: LCS	Units: µg/Kg					Prep Date: 11/24/2010	RunNo: 142976			
Client ID: ZZZZZZ	Batch ID: 64618	SW5035					Analysis Date: 11/24/2010	SeqNo: 2804289			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	53.9	50.0	50.00	0	107.8	0	200				
Methyl Methacrylate	48.2	5.0	50.00	0	96.4	0	200				
Methyl tert-butyl ether	55.9	2.0	50.00	0	111.8	80	128				
Methylacrylate	55.7	10	50.00	0	111.4	0	200				
Methylene chloride	51.7	5.0	50.00	0	103.4	73.9	116				
Naphthalene	45.4	10	50.00	0	90.8	73.1	135				
n-Butylbenzene	53.3	5.0	50.00	0	106.7	0	200				
n-Hexane	58.0	20.0	50.00	0	116.1	0	200				
Nitrobenzene	177	100	500.0	0	35.4	0	200				
n-Propylbenzene	52.2	5.0	50.00	0	104.4	0	200				
o-Xylene	50.6	5.0	50.00	0	101.2	82	117				
Pentachloroethane	52.0	5.0	50.00	0	104.1	0	200				
p-Isopropyltoluene	51.0	5.0	50.00	0	101.9	0	200				
Propionitrile	530	50.0	500.0	0	106.0	0	200				
sec-Butylbenzene	51.4	5.0	50.00	0	102.7	0	200				
Styrene	50.8	5.0	50.00	0	101.6	0	200				
tert-Butylbenzene	50.1	5.0	50.00	0	100.2	0	200				
Tetrachloroethene	48.6	5.0	50.00	0	97.2	74.6	115				
Tetrahydrofuran	50.5	50.0	50.00	0	101.0	0	200				
Toluene	51.5	5.0	50.00	0	103.1	79.1	112				
trans-1,2-Dichloroethene	56.5	5.0	50.00	0	112.9	0	200				
trans-1,3-Dichloropropene	53.3	4.0	50.00	0	106.6	0	200				
Trichloroethene	51.0	5.0	50.00	0	102.1	81	111				
Trichlorofluoromethane	51.8	5.0	50.00	0	103.7	0	200				
Vinyl acetate	43	50.0	50.00	0	86.2	0	200				J
Vinyl chloride	62.2	2.0	50.00	0	124.3	0	200				
Surr: 1,2-Dichloroethane-d4	61.0		50.00		121.9	72.2	131				
Surr: 4-Bromofluorobenzene	48.5		50.00		97.0	82.1	116				
Surr: Dibromofluoromethane	54.3		50.00		108.7	77.7	120				
Surr: Toluene-d8	51.9		50.00		103.8	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MBLK-F101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142976</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64618</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804290</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	14	50.0									J
4-Chlorotoluene	ND	5.0									
4-Methyl-2-pentanone	ND	50.0									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MBLK-F101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142976</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64618</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804290</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	32	50.0									J
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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MBLK-F101124-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/24/2010</b>	RunNo: <b>142976</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64618</b>	<b>SW5035</b>	Analysis Date: <b>11/24/2010</b>	SeqNo: <b>2804290</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	2.3	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	59.4		50.00		118.8	72.2	131				
Surr: 4-Bromofluorobenzene	47.6		50.00		95.1	82.1	116				
Surr: Dibromofluoromethane	54.2		50.00		108.5	77.7	120				
Surr: Toluene-d8	52.0		50.00		104.0	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCS-G101129-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>				Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804358</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	46.7	5.0	50.00	0	93.3	0	200					
1,1,1-Trichloroethane	52.4	5.0	50.00	0	104.7	85.6	124					
1,1,2,2-Tetrachloroethane	48.0	5.0	50.00	0	96.0	0	200					
1,1,2-Trichloro-1,2,2-trifluoroethane	55.3	5.0	50.00	0	110.6	0	200					
1,1,2-Trichloroethane	47.2	5.0	50.00	0	94.4	0	200					
1,1-Dichloro-2-propanone	148	50.0	125.0	0	118.1	0	200					
1,1-Dichloroethane	51.3	5.0	50.00	0	102.6	0	200					
1,1-Dichloroethene	51.2	5.0	50.00	0	102.4	60.1	131					
1,1-Dichloropropene	51.8	5.0	50.00	0	103.5	0	200					
1,2,3-Trichlorobenzene	52.3	5.0	50.00	0	104.6	0	200					
1,2,3-Trichloropropane	49.4	10	50.00	0	98.7	0	200					
1,2,3-Trimethylbenzene	47.2	5.0	50.00	0	94.5	0	200					
1,2,4-Trichlorobenzene	53.1	5.0	50.00	0	106.1	0	200					
1,2,4-Trimethylbenzene	47.1	5.0	50.00	0	94.3	0	200					
1,2-Dibromo-3-chloropropane	49.5	5.0	50.00	0	99.0	0	200					
1,2-Dibromoethane	48.8	5.0	50.00	0	97.6	86.9	119					
1,2-Dichlorobenzene	47.0	5.0	50.00	0	94.0	88	119					
1,2-Dichloroethane	52.8	5.0	50.00	0	105.7	73	117					
1,2-Dichloropropane	49.9	5.0	50.00	0	99.7	0	200					
1,3,5-Trimethylbenzene	46.9	5.0	50.00	0	93.8	0	200					
1,3-Dichlorobenzene	46.9	5.0	50.00	0	93.8	85.8	125					
1,3-Dichloropropane	45.6	5.0	50.00	0	91.3	0	200					
1,4-Dichlorobenzene	46.2	5.0	50.00	0	92.5	84.5	124					
1-Chlorobutane	45.6	5.0	50.00	0	91.2	0	200					
2,2-Dichloropropane	51.1	5.0	50.00	0	102.1	0	200					
2-Butanone	158	50.0	125.0	0	126.6	45.3	136					
2-Chlorotoluene	45.5	5.0	50.00	0	91.1	0	200					
2-Hexanone	133	50.0	125.0	0	106.7	0	200					
2-Nitropropane	589	50.0	500.0	0	117.9	0	200					
4-Chlorotoluene	46.6	5.0	50.00	0	93.3	0	200					
4-Methyl-2-pentanone	134	50.0	125.0	0	107.1	0	200					

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCS-G101129-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>					Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804358</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	211	50.0	125.0	0	168.7	0	200				
Acrylonitrile	50.2	10	50.00	0	100.5	0	200				
Allyl chloride	52.1	5.0	50.00	0	104.1	0	200				
Benzene	49.2	1.0	50.00	0	98.5	73.9	109				
Bromobenzene	46.0	5.0	50.00	0	92.1	0	200				
Bromochloromethane	51.2	5.0	50.00	0	102.5	0	200				
Bromodichloromethane	52.7	5.0	50.00	0	105.4	91.3	126				
Bromoform	49.0	5.0	50.00	0	98.1	0	200				
Bromomethane	36.7	10	50.00	0	73.5	0	200				
Carbon disulfide	51.7	5.0	50.00	0	103.5	0	200				
Carbon tetrachloride	54.2	5.0	50.00	0	108.4	83.3	127				
Chlorobenzene	46.3	5.0	50.00	0	92.7	85.8	116				
Chloroethane	49.1	10	50.00	0	98.2	0	200				
Chloroform	52.6	5.0	50.00	0	105.1	80	113				
Chloromethane	39.0	10	50.00	0	78.0	0	200				
cis-1,2-Dichloroethene	51.0	5.0	50.00	0	102.1	0	200				
cis-1,3-Dichloropropene	51.8	4.0	50.00	0	103.5	0	200				
Cyclohexanone	251	100	250.0	0	100.4	0	200				
Dibromochloromethane	48.4	5.0	50.00	0	96.7	89.1	119				
Dibromomethane	52.3	5.0	50.00	0	104.7	0	200				
Dichlorodifluoromethane	33.3	10	50.00	0	66.5	0	200				
Ethyl acetate	53.8	50.0	50.00	0	107.7	0	200				
Ethyl ether	53.6	5.0	50.00	0	107.2	0	200				
Ethyl methacrylate	44.3	5.0	50.00	0	88.6	0	200				
Ethylbenzene	45.9	5.0	50.00	0	91.7	84.1	115				
Heptane	53.8	20.0	50.00	0	107.5	0	200				
Hexachlorobutadiene	48.5	5.0	50.00	0	97.0	0	200				
Hexachloroethane	47.8	5.0	50.00	0	95.5	0	200				
Iodomethane	57.4	10	50.00	0	114.8	0	200				
Isopropylbenzene	46.2	5.0	50.00	0	92.4	0	200				
m,p-Xylenes	90.8	5.0	100.0	0	90.8	79.1	111				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCS-G101129-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>				Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804358</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50	50.0	50.00	0	99.8	0	200				J
Methyl Methacrylate	50.2	5.0	50.00	0	100.4	0	200				
Methyl tert-butyl ether	52.7	2.0	50.00	0	105.4	80	128				
Methylacrylate	52.4	10	50.00	0	104.7	0	200				
Methylene chloride	49.6	5.0	50.00	0	99.1	73.9	116				
Naphthalene	55.1	10	50.00	0	110.1	73.1	135				
n-Butylbenzene	49.1	5.0	50.00	0	98.2	0	200				
n-Hexane	52.8	20.0	50.00	0	105.6	0	200				
Nitrobenzene	968	100	500.0	0	193.6	0	200				
n-Propylbenzene	46.1	5.0	50.00	0	92.2	0	200				
o-Xylene	44.0	5.0	50.00	0	87.9	82	117				
Pentachloroethane	48.7	5.0	50.00	0	97.4	0	200				
p-Isopropyltoluene	46.2	5.0	50.00	0	92.4	0	200				
Propionitrile	523	50.0	500.0	0	104.7	0	200				
sec-Butylbenzene	47.3	5.0	50.00	0	94.6	0	200				
Styrene	45.0	5.0	50.00	0	90.0	0	200				
tert-Butylbenzene	45.6	5.0	50.00	0	91.3	0	200				
Tetrachloroethene	45.3	5.0	50.00	0	90.7	74.6	115				
Tetrahydrofuran	50.6	50.0	50.00	0	101.1	0	200				
Toluene	44.4	5.0	50.00	0	88.7	79.1	112				
trans-1,2-Dichloroethene	52.9	5.0	50.00	0	105.7	0	200				
trans-1,3-Dichloropropene	46.8	4.0	50.00	0	93.5	0	200				
Trichloroethene	53.0	5.0	50.00	0	106.0	81	111				
Trichlorofluoromethane	51.9	5.0	50.00	0	103.7	0	200				
Vinyl acetate	51.5	50.0	50.00	0	102.9	0	200				
Vinyl chloride	49.4	2.0	50.00	0	98.7	0	200				
Surr: 1,2-Dichloroethane-d4	51.7		50.00		103.5	72.2	131				
Surr: 4-Bromofluorobenzene	49.6		50.00		99.2	82.1	116				
Surr: Dibromofluoromethane	54.2		50.00		108.4	77.7	120				
Surr: Toluene-d8	46.8		50.00		93.5	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCSD-G101129-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804359</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	48.5	5.0	50.00	0	97.0	0	200	46.66	3.83	20	
1,1,1-Trichloroethane	53.5	5.0	50.00	0	107.1	85.6	124	52.37	2.19	20	
1,1,2,2-Tetrachloroethane	49.0	5.0	50.00	0	97.9	0	200	48.02	1.94	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	56.4	5.0	50.00	0	112.7	0	200	55.29	1.90	20	
1,1,2-Trichloroethane	48.2	5.0	50.00	0	96.3	0	200	47.18	2.04	20	
1,1-Dichloro-2-propanone	152	50.0	125.0	0	121.8	0	200	147.6	3.09	20	
1,1-Dichloroethane	52.2	5.0	50.00	0	104.5	0	200	51.32	1.80	20	
1,1-Dichloroethene	51.5	5.0	50.00	0	103.0	60.1	131	51.18	0.604	20	
1,1-Dichloropropene	52.0	5.0	50.00	0	103.9	0	200	51.77	0.386	20	
1,2,3-Trichlorobenzene	51.0	5.0	50.00	0	102.0	0	200	52.30	2.56	20	
1,2,3-Trichloropropane	50.3	10	50.00	0	100.6	0	200	49.35	1.93	20	
1,2,3-Trimethylbenzene	47.5	5.0	50.00	0	95.1	0	200	47.25	0.612	20	
1,2,4-Trichlorobenzene	51.2	5.0	50.00	0	102.5	0	200	53.07	3.53	20	
1,2,4-Trimethylbenzene	48.1	5.0	50.00	0	96.2	0	200	47.13	2.08	20	
1,2-Dibromo-3-chloropropane	49.3	5.0	50.00	0	98.6	0	200	49.50	0.445	20	
1,2-Dibromoethane	49.6	5.0	50.00	0	99.1	86.9	119	48.82	1.52	20	
1,2-Dichlorobenzene	46.8	5.0	50.00	0	93.7	88	119	47.02	0.405	20	
1,2-Dichloroethane	53.6	5.0	50.00	0	107.2	73	117	52.84	1.43	20	
1,2-Dichloropropane	51.6	5.0	50.00	0	103.2	0	200	49.86	3.47	20	
1,3,5-Trimethylbenzene	48.0	5.0	50.00	0	96.1	0	200	46.90	2.40	20	
1,3-Dichlorobenzene	47.2	5.0	50.00	0	94.3	85.8	125	46.89	0.595	20	
1,3-Dichloropropane	47.1	5.0	50.00	0	94.1	0	200	45.65	3.04	20	
1,4-Dichlorobenzene	46.3	5.0	50.00	0	92.6	84.5	124	46.24	0.0865	20	
1-Chlorobutane	46.4	5.0	50.00	0	92.8	0	200	45.58	1.76	20	
2,2-Dichloropropane	51.6	5.0	50.00	0	103.2	0	200	51.06	1.03	20	
2-Butanone	155	50.0	125.0	0	124.2	45.3	136	158.3	1.91	20	
2-Chlorotoluene	46.2	5.0	50.00	0	92.5	0	200	45.54	1.53	20	
2-Hexanone	132	50.0	125.0	0	105.8	0	200	133.3	0.768	20	
2-Nitropropane	585	50.0	500.0	0	116.9	0	200	589.5	0.819	20	
4-Chlorotoluene	47.3	5.0	50.00	0	94.5	0	200	46.64	1.34	20	
4-Methyl-2-pentanone	133	50.0	125.0	0	106.3	0	200	133.9	0.780	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-G101129-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>				Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804359</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Acetone	212	50.0	125.0	0	169.6	0	200	210.9	0.539	20		
Acrylonitrile	49.0	10	50.00	0	97.9	0	200	50.24	2.56	20		
Allyl chloride	53.1	5.0	50.00	0	106.2	0	200	52.07	2.00	20		
Benzene	49.9	1.0	50.00	0	99.8	73.9	109	49.23	1.31	20		
Bromobenzene	47.1	5.0	50.00	0	94.3	0	200	46.05	2.32	20		
Bromochloromethane	51.9	5.0	50.00	0	103.9	0	200	51.25	1.34	20		
Bromodichloromethane	53.4	5.0	50.00	0	106.9	91.3	126	52.68	1.43	20		
Bromoform	50.0	5.0	50.00	0	100	0	200	49.05	1.96	20		
Bromomethane	37.2	10	50.00	0	74.5	0	200	36.73	1.38	20		
Carbon disulfide	52.6	5.0	50.00	0	105.1	0	200	51.73	1.61	20		
Carbon tetrachloride	54.8	5.0	50.00	0	109.6	83.3	127	54.18	1.12	20		
Chlorobenzene	47.2	5.0	50.00	0	94.4	85.8	116	46.34	1.82	20		
Chloroethane	49.5	10	50.00	0	99.1	0	200	49.12	0.851	20		
Chloroform	53.2	5.0	50.00	0	106.5	80	113	52.57	1.29	20		
Chloromethane	39.1	10	50.00	0	78.2	0	200	38.99	0.307	20		
cis-1,2-Dichloroethene	51.5	5.0	50.00	0	103.0	0	200	51.04	0.917	20		
cis-1,3-Dichloropropene	52.5	4.0	50.00	0	105.1	0	200	51.77	1.46	20		
Cyclohexanone	241	100	250.0	0	96.4	0	200	250.9	4.03	20		
Dibromochloromethane	49.5	5.0	50.00	0	99.1	89.1	119	48.35	2.43	20		
Dibromomethane	52.1	5.0	50.00	0	104.3	0	200	52.33	0.383	20		
Dichlorodifluoromethane	33.2	10	50.00	0	66.4	0	200	33.27	0.150	20		
Ethyl acetate	55.0	50.0	50.00	0	110.1	0	200	53.84	2.22	20		
Ethyl ether	54.0	5.0	50.00	0	107.9	0	200	53.60	0.651	20		
Ethyl methacrylate	45.0	5.0	50.00	0	89.9	0	200	44.29	1.52	20		
Ethylbenzene	46.7	5.0	50.00	0	93.4	84.1	115	45.87	1.81	20		
Heptane	53.5	20.0	50.00	0	107.0	0	200	53.76	0.485	20		
Hexachlorobutadiene	47.8	5.0	50.00	0	95.5	0	200	48.48	1.52	20		
Hexachloroethane	48.9	5.0	50.00	0	97.8	0	200	47.77	2.36	20		
Iodomethane	58.4	10	50.00	0	116.8	0	200	57.40	1.73	20		
Isopropylbenzene	46.8	5.0	50.00	0	93.6	0	200	46.22	1.23	20		
m,p-Xylenes	92.0	5.0	100.0	0	92.0	79.1	111	90.81	1.33	20		

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCSD-G101129-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804359</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	50.0	50.0	50.00	0	100	0	200	49.89	0.240	20	
Methyl Methacrylate	50.1	5.0	50.00	0	100.2	0	200	50.21	0.239	20	
Methyl tert-butyl ether	52.8	2.0	50.00	0	105.7	80	128	52.70	0.284	20	
Methylacrylate	52.2	10	50.00	0	104.4	0	200	52.35	0.268	20	
Methylene chloride	49.9	5.0	50.00	0	99.8	73.9	116	49.55	0.684	20	
Naphthalene	54.3	10	50.00	0	108.7	73.1	135	55.06	1.32	20	
n-Butylbenzene	49.1	5.0	50.00	0	98.3	0	200	49.09	0.0814	20	
n-Hexane	53.3	20.0	50.00	0	106.6	0	200	52.82	0.942	20	
Nitrobenzene	950	100	500.0	0	190.0	0	200	967.8	1.87	20	
n-Propylbenzene	46.9	5.0	50.00	0	93.7	0	200	46.11	1.61	20	
o-Xylene	44.7	5.0	50.00	0	89.4	82	117	43.95	1.67	20	
Pentachloroethane	49.8	5.0	50.00	0	99.7	0	200	48.71	2.27	20	
p-Isopropyltoluene	47.3	5.0	50.00	0	94.5	0	200	46.21	2.25	20	
Propionitrile	518	50.0	500.0	0	103.6	0	200	523.4	1.04	20	
sec-Butylbenzene	48.1	5.0	50.00	0	96.2	0	200	47.31	1.64	20	
Styrene	45.7	5.0	50.00	0	91.3	0	200	44.98	1.52	20	
tert-Butylbenzene	46.6	5.0	50.00	0	93.1	0	200	45.64	1.97	20	
Tetrachloroethene	46.7	5.0	50.00	0	93.4	74.6	115	45.33	3.00	20	
Tetrahydrofuran	50.5	50.0	50.00	0	101.0	0	200	50.55	0.0990	20	
Toluene	45.4	5.0	50.00	0	90.7	79.1	112	44.36	2.21	20	
trans-1,2-Dichloroethene	53.5	5.0	50.00	0	107.0	0	200	52.86	1.17	20	
trans-1,3-Dichloropropene	47.9	4.0	50.00	0	95.7	0	200	46.76	2.35	20	
Trichloroethene	52.9	5.0	50.00	0	105.9	81	111	53.01	0.132	20	
Trichlorofluoromethane	50.7	5.0	50.00	0	101.5	0	200	51.87	2.20	20	
Vinyl acetate	51.5	50.0	50.00	0	102.9	0	200	51.46	0	20	
Vinyl chloride	49.2	2.0	50.00	0	98.3	0	200	49.37	0.447	20	
Surr: 1,2-Dichloroethane-d4	50.8		50.00		101.7	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	49.5		50.00		98.9	82.1	116		0	20	
Surr: Dibromofluoromethane	53.9		50.00		107.7	77.7	120		0	20	
Surr: Toluene-d8	47.4		50.00		94.7	86	116		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101129-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804360</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MBLK-G101129-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/29/2010</b>	RunNo: <b>142981</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64620</b>	<b>SW5035</b>	Analysis Date: <b>11/29/2010</b>	SeqNo: <b>2804360</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

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	52.6		50.00		105.3	72.2	131				
Surr: 4-Bromofluorobenzene	50.4		50.00		100.9	82.1	116				
Surr: Dibromofluoromethane	53.4		50.00		106.8	77.7	120				
Surr: Toluene-d8	48.0		50.00		96.0	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCS-F101130-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/30/2010</b>	RunNo: <b>143075</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64669</b>	<b>SW5035</b>				Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806419</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	52.0	5.0	50.00	0	104.0	0	200					
1,1,1-Trichloroethane	50.6	5.0	50.00	0	101.1	85.6	124					
1,1,2,2-Tetrachloroethane	50.9	5.0	50.00	0	101.7	0	200					
1,1,2-Trichloro-1,2,2-trifluoroethane	49.2	5.0	50.00	0	98.5	0	200					
1,1,2-Trichloroethane	50.2	5.0	50.00	0	100.3	0	200					
1,1-Dichloro-2-propanone	124	50.0	125.0	0	98.9	0	200					
1,1-Dichloroethane	50.4	5.0	50.00	0	100.8	0	200					
1,1-Dichloroethene	48.1	5.0	50.00	0	96.3	60.1	131					
1,1-Dichloropropene	50.8	5.0	50.00	0	101.6	0	200					
1,2,3-Trichlorobenzene	52.4	5.0	50.00	0	104.8	0	200					
1,2,3-Trichloropropane	48.0	10	50.00	0	96.1	0	200					
1,2,3-Trimethylbenzene	50.6	5.0	50.00	0	101.2	0	200					
1,2,4-Trichlorobenzene	54.5	5.0	50.00	0	109.0	0	200					
1,2,4-Trimethylbenzene	52.1	5.0	50.00	0	104.3	0	200					
1,2-Dibromo-3-chloropropane	50.4	5.0	50.00	0	100.9	0	200					
1,2-Dibromoethane	50.9	5.0	50.00	0	101.9	86.9	119					
1,2-Dichlorobenzene	51.1	5.0	50.00	0	102.3	88	119					
1,2-Dichloroethane	51.3	5.0	50.00	0	102.7	73	117					
1,2-Dichloropropane	49.8	5.0	50.00	0	99.7	0	200					
1,3,5-Trimethylbenzene	47.1	5.0	50.00	0	94.2	0	200					
1,3-Dichlorobenzene	52.4	5.0	50.00	0	104.7	85.8	125					
1,3-Dichloropropane	50.4	5.0	50.00	0	100.8	0	200					
1,4-Dichlorobenzene	52.0	5.0	50.00	0	104.0	84.5	124					
1-Chlorobutane	48.6	5.0	50.00	0	97.1	0	200					
2,2-Dichloropropane	52.3	5.0	50.00	0	104.5	0	200					
2-Butanone	151	50.0	125.0	0	120.6	45.3	136					
2-Chlorotoluene	51.4	5.0	50.00	0	102.7	0	200					
2-Hexanone	146	50.0	125.0	0	116.9	0	200					
2-Nitropropane	568	50.0	500.0	0	113.6	0	200					
4-Chlorotoluene	49.2	5.0	50.00	0	98.4	0	200					
4-Methyl-2-pentanone	133	50.0	125.0	0	106.2	0	200					

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: LCS-F101130-1	SampType: LCS	Units: µg/Kg					Prep Date: 11/30/2010	RunNo: 143075			
Client ID: ZZZZZZ	Batch ID: 64669	SW5035					Analysis Date: 11/30/2010	SeqNo: 2806419			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	201	50.0	125.0	0	161.2	0	200				
Acrylonitrile	46.7	10	50.00	0	93.5	0	200				
Allyl chloride	48.9	5.0	50.00	0	97.8	0	200				
Benzene	50.4	1.0	50.00	0	100.8	73.9	109				
Bromobenzene	50.8	5.0	50.00	0	101.7	0	200				
Bromochloromethane	50.2	5.0	50.00	0	100.5	0	200				
Bromodichloromethane	53.3	5.0	50.00	0	106.5	91.3	126				
Bromoform	55.5	5.0	50.00	0	110.9	0	200				
Bromomethane	46.9	10	50.00	0	93.8	0	200				
Carbon disulfide	49.1	5.0	50.00	0	98.2	0	200				
Carbon tetrachloride	52.1	5.0	50.00	0	104.3	83.3	127				
Chlorobenzene	51.1	5.0	50.00	0	102.1	85.8	116				
Chloroethane	47.6	10	50.00	0	95.1	0	200				
Chloroform	51.2	5.0	50.00	0	102.4	80	113				
Chloromethane	49.4	10	50.00	0	98.9	0	200				
cis-1,2-Dichloroethene	50.2	5.0	50.00	0	100.4	0	200				
cis-1,3-Dichloropropene	53.3	4.0	50.00	0	106.6	0	200				
Cyclohexanone	345	100	250.0	0	138.0	0	200				
Dibromochloromethane	54.7	5.0	50.00	0	109.4	89.1	119				
Dibromomethane	50.8	5.0	50.00	0	101.5	0	200				
Dichlorodifluoromethane	46.8	10	50.00	0	93.6	0	200				
Ethyl acetate	49	50.0	50.00	0	97.5	0	200				J
Ethyl ether	49.5	5.0	50.00	0	98.9	0	200				
Ethyl methacrylate	50.5	5.0	50.00	0	101.1	0	200				
Ethylbenzene	51.0	5.0	50.00	0	101.9	84.1	115				
Heptane	53.7	20.0	50.00	0	107.4	0	200				
Hexachlorobutadiene	51.3	5.0	50.00	0	102.6	0	200				
Hexachloroethane	54.0	5.0	50.00	0	108.1	0	200				
Iodomethane	66.6	10	50.00	0	133.3	0	200				
Isopropylbenzene	48.7	5.0	50.00	0	97.5	0	200				
m,p-Xylenes	104	5.0	100.0	0	103.6	79.1	111				

Client: PSC Industrial Outsourcing, LP

**ANALYTICAL QC SUMMARY REPORT**

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: LCS-F101130-1	SampType: LCS	Units: µg/Kg				Prep Date: 11/30/2010	RunNo: 143075					
Client ID: ZZZZZZ	Batch ID: 64669	SW5035				Analysis Date: 11/30/2010	SeqNo: 2806419					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Methacrylonitrile	49	50.0	50.00	0	98.5	0	200				J	
Methyl Methacrylate	50.9	5.0	50.00	0	101.8	0	200					
Methyl tert-butyl ether	53.0	2.0	50.00	0	106.1	80	128					
Methylacrylate	50.6	10	50.00	0	101.2	0	200					
Methylene chloride	49.8	5.0	50.00	0	99.5	73.9	116					
Naphthalene	50.7	10	50.00	0	101.4	73.1	135					
n-Butylbenzene	53.8	5.0	50.00	0	107.6	0	200					
n-Hexane	48.6	20.0	50.00	0	97.3	0	200					
Nitrobenzene	597	100	500.0	0	119.5	0	200					
n-Propylbenzene	51.6	5.0	50.00	0	103.3	0	200					
o-Xylene	51.5	5.0	50.00	0	103.0	82	117					
Pentachloroethane	55.1	5.0	50.00	0	110.3	0	200					
p-Isopropyltoluene	50.9	5.0	50.00	0	101.8	0	200					
Propionitrile	489	50.0	500.0	0	97.8	0	200					
sec-Butylbenzene	52.0	5.0	50.00	0	103.9	0	200					
Styrene	54.0	5.0	50.00	0	108.1	0	200					
tert-Butylbenzene	51.0	5.0	50.00	0	101.9	0	200					
Tetrachloroethene	49.2	5.0	50.00	0	98.3	74.6	115					
Tetrahydrofuran	49	50.0	50.00	0	97.3	0	200				J	
Toluene	49.7	5.0	50.00	0	99.4	79.1	112					
trans-1,2-Dichloroethene	50.2	5.0	50.00	0	100.5	0	200					
trans-1,3-Dichloropropene	53.1	4.0	50.00	0	106.1	0	200					
Trichloroethene	51.0	5.0	50.00	0	102.0	81	111					
Trichlorofluoromethane	50.3	5.0	50.00	0	100.6	0	200					
Vinyl acetate	51.2	50.0	50.00	0	102.4	0	200					
Vinyl chloride	47.4	2.0	50.00	0	94.8	0	200					
Surr: 1,2-Dichloroethane-d4	51.8		50.00		103.6	72.2	131					
Surr: 4-Bromofluorobenzene	51.0		50.00		102.1	82.1	116					
Surr: Dibromofluoromethane	51.0		50.00		102.0	77.7	120					
Surr: Toluene-d8	49.4		50.00		98.8	86	116					

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-F101130-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/30/2010</b>	RunNo: <b>143075</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64669</b>	<b>SW5035</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806420</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.2	5.0	50.00	0	100.4	0	200	52.02	3.54	20	
1,1,1-Trichloroethane	48.4	5.0	50.00	0	96.9	85.6	124	50.57	4.30	20	
1,1,2,2-Tetrachloroethane	50.7	5.0	50.00	0	101.4	0	200	50.87	0.335	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	47.4	5.0	50.00	0	94.9	0	200	49.25	3.76	20	
1,1,2-Trichloroethane	48.7	5.0	50.00	0	97.4	0	200	50.16	2.91	20	
1,1-Dichloro-2-propanone	121	50.0	125.0	0	97.0	0	200	123.7	2.00	20	
1,1-Dichloroethane	47.8	5.0	50.00	0	95.5	0	200	50.38	5.32	20	
1,1-Dichloroethene	45.9	5.0	50.00	0	91.8	60.1	131	48.14	4.81	20	
1,1-Dichloropropene	48.3	5.0	50.00	0	96.6	0	200	50.78	5.01	20	
1,2,3-Trichlorobenzene	51.2	5.0	50.00	0	102.4	0	200	52.40	2.34	20	
1,2,3-Trichloropropane	49.2	10	50.00	0	98.3	0	200	48.05	2.26	20	
1,2,3-Trimethylbenzene	48.9	5.0	50.00	0	97.8	0	200	50.60	3.38	20	
1,2,4-Trichlorobenzene	52.1	5.0	50.00	0	104.2	0	200	54.50	4.48	20	
1,2,4-Trimethylbenzene	50.2	5.0	50.00	0	100.4	0	200	52.13	3.81	20	
1,2-Dibromo-3-chloropropane	50.0	5.0	50.00	0	100	0	200	50.44	0.896	20	
1,2-Dibromoethane	50.0	5.0	50.00	0	100	86.9	119	50.93	1.86	20	
1,2-Dichlorobenzene	48.9	5.0	50.00	0	97.8	88	119	51.14	4.46	20	
1,2-Dichloroethane	49.7	5.0	50.00	0	99.4	73	117	51.33	3.21	20	
1,2-Dichloropropane	48.0	5.0	50.00	0	96.0	0	200	49.85	3.82	20	
1,3,5-Trimethylbenzene	46.0	5.0	50.00	0	92.1	0	200	47.11	2.32	20	
1,3-Dichlorobenzene	49.9	5.0	50.00	0	99.8	85.8	125	52.36	4.79	20	
1,3-Dichloropropane	49.4	5.0	50.00	0	98.8	0	200	50.42	2.08	20	
1,4-Dichlorobenzene	49.4	5.0	50.00	0	98.9	84.5	124	52.01	5.05	20	
1-Chlorobutane	46.4	5.0	50.00	0	92.8	0	200	48.56	4.51	20	
2,2-Dichloropropane	49.6	5.0	50.00	0	99.3	0	200	52.26	5.12	20	
2-Butanone	142	50.0	125.0	0	113.5	45.3	136	150.8	6.12	20	
2-Chlorotoluene	49.4	5.0	50.00	0	98.8	0	200	51.35	3.87	20	
2-Hexanone	137	50.0	125.0	0	109.9	0	200	146.1	6.14	20	
2-Nitropropane	568	50.0	500.0	0	113.5	0	200	568.1	0.0669	20	
4-Chlorotoluene	47.2	5.0	50.00	0	94.4	0	200	49.19	4.09	20	
4-Methyl-2-pentanone	131	50.0	125.0	0	104.7	0	200	132.8	1.42	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCS-D-F101130-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/30/2010</b>	RunNo: <b>143075</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64669</b>	<b>SW5035</b>				Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806420</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	173	50.0	125.0	0	138.8	0	200	201.5	14.9	20	
Acrylonitrile	44.4	10	50.00	0	88.8	0	200	46.73	5.16	20	
Allyl chloride	47.0	5.0	50.00	0	94.0	0	200	48.91	3.96	20	
Benzene	48.2	1.0	50.00	0	96.4	73.9	109	50.39	4.46	20	
Bromobenzene	49.2	5.0	50.00	0	98.5	0	200	50.85	3.20	20	
Bromochloromethane	48.4	5.0	50.00	0	96.8	0	200	50.24	3.75	20	
Bromodichloromethane	51.6	5.0	50.00	0	103.1	91.3	126	53.27	3.28	20	
Bromoform	53.7	5.0	50.00	0	107.4	0	200	55.46	3.21	20	
Bromomethane	43.4	10	50.00	0	86.8	0	200	46.91	7.82	20	
Carbon disulfide	46.3	5.0	50.00	0	92.6	0	200	49.09	5.83	20	
Carbon tetrachloride	49.9	5.0	50.00	0	99.8	83.3	127	52.14	4.37	20	
Chlorobenzene	48.9	5.0	50.00	0	97.8	85.8	116	51.07	4.30	20	
Chloroethane	45.3	10	50.00	0	90.7	0	200	47.56	4.80	20	
Chloroform	48.9	5.0	50.00	0	97.8	80	113	51.19	4.60	20	
Chloromethane	48.0	10	50.00	0	96.1	0	200	49.44	2.89	20	
cis-1,2-Dichloroethene	47.4	5.0	50.00	0	94.9	0	200	50.20	5.67	20	
cis-1,3-Dichloropropene	51.5	4.0	50.00	0	102.9	0	200	53.28	3.48	20	
Cyclohexanone	270	100	250.0	0	108.0	0	200	345.0	24.3	20	R
Dibromochloromethane	52.0	5.0	50.00	0	104.1	89.1	119	54.69	4.95	20	
Dibromomethane	49.6	5.0	50.00	0	99.3	0	200	50.77	2.27	20	
Dichlorodifluoromethane	43.9	10	50.00	0	87.7	0	200	46.78	6.44	20	
Ethyl acetate	48	50.0	50.00	0	95.5	0	200	48.77	0	20	J
Ethyl ether	46.7	5.0	50.00	0	93.4	0	200	49.47	5.76	20	
Ethyl methacrylate	49.4	5.0	50.00	0	98.8	0	200	50.53	2.22	20	
Ethylbenzene	48.2	5.0	50.00	0	96.3	84.1	115	50.95	5.63	20	
Heptane	50.7	20.0	50.00	0	101.4	0	200	53.69	5.77	20	
Hexachlorobutadiene	50.3	5.0	50.00	0	100.7	0	200	51.32	1.93	20	
Hexachloroethane	51.5	5.0	50.00	0	103.1	0	200	54.03	4.72	20	
Iodomethane	62.9	10	50.00	0	125.8	0	200	66.65	5.81	20	
Isopropylbenzene	46.1	5.0	50.00	0	92.3	0	200	48.73	5.46	20	
m,p-Xylenes	98.5	5.0	100.0	0	98.5	79.1	111	103.6	5.02	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

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

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>LCSD-F101130-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>11/30/2010</b>	RunNo: <b>143075</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64669</b>	<b>SW5035</b>				Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806420</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methacrylonitrile	48	50.0	50.00	0	95.0	0	200	49.26	0	20	J
Methyl Methacrylate	50.2	5.0	50.00	0	100.4	0	200	50.88	1.39	20	
Methyl tert-butyl ether	50.7	2.0	50.00	0	101.5	80	128	53.03	4.41	20	
Methylacrylate	49.4	10	50.00	0	98.9	0	200	50.58	2.28	20	
Methylene chloride	47.2	5.0	50.00	0	94.3	73.9	116	49.76	5.37	20	
Naphthalene	49.5	10	50.00	0	99.0	73.1	135	50.71	2.44	20	
n-Butylbenzene	51.5	5.0	50.00	0	103.0	0	200	53.80	4.41	20	
n-Hexane	50.1	20.0	50.00	0	100.2	0	200	48.65	2.92	20	
Nitrobenzene	567	100	500.0	0	113.4	0	200	597.5	5.22	20	
n-Propylbenzene	49.7	5.0	50.00	0	99.4	0	200	51.65	3.83	20	
o-Xylene	48.6	5.0	50.00	0	97.2	82	117	51.51	5.83	20	
Pentachloroethane	53.8	5.0	50.00	0	107.6	0	200	55.13	2.40	20	
p-Isopropyltoluene	48.5	5.0	50.00	0	96.9	0	200	50.89	4.87	20	
Propionitrile	491	50.0	500.0	0	98.2	0	200	488.9	0.386	20	
sec-Butylbenzene	49.3	5.0	50.00	0	98.7	0	200	51.96	5.17	20	
Styrene	51.3	5.0	50.00	0	102.7	0	200	54.05	5.14	20	
tert-Butylbenzene	48.5	5.0	50.00	0	96.9	0	200	50.97	5.03	20	
Tetrachloroethene	47.5	5.0	50.00	0	95.0	74.6	115	49.16	3.43	20	
Tetrahydrofuran	47	50.0	50.00	0	94.9	0	200	48.65	0	20	J
Toluene	47.3	5.0	50.00	0	94.6	79.1	112	49.71	5.01	20	
trans-1,2-Dichloroethene	47.6	5.0	50.00	0	95.2	0	200	50.24	5.44	20	
trans-1,3-Dichloropropene	51.3	4.0	50.00	0	102.5	0	200	53.06	3.43	20	
Trichloroethene	49.3	5.0	50.00	0	98.7	81	111	51.01	3.33	20	
Trichlorofluoromethane	48.3	5.0	50.00	0	96.7	0	200	50.31	3.99	20	
Vinyl acetate	49	50.0	50.00	0	97.8	0	200	51.18	0	20	J
Vinyl chloride	45.9	2.0	50.00	0	91.8	0	200	47.40	3.22	20	
Surr: 1,2-Dichloroethane-d4	51.1		50.00		102.2	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.2		50.00		100.3	82.1	116		0	20	
Surr: Dibromofluoromethane	50.4		50.00		100.9	77.7	120		0	20	
Surr: Toluene-d8	49.3		50.00		98.6	86	116		0	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MBLK-F101130-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/30/2010</b>	RunNo: <b>143075</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>64669</b>	<b>SW5035</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806421</b>							
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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MBLK-F101130-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/30/2010</b>	RunNo: <b>143075</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64669</b>	<b>SW5035</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806421</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: A831-735002-012901-225Ameren Champaign 62409080120

TestCode: V\_8260S\_S

Lab Order: 10111050

Report Date: 13-Dec-10

Sample ID: <b>MBLK-F101130-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>11/30/2010</b>	RunNo: <b>143075</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>64669</b>	<b>SW5035</b>	Analysis Date: <b>11/30/2010</b>	SeqNo: <b>2806421</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	51.3		50.00		102.7	72.2	131				
Surr: 4-Bromofluorobenzene	49.9		50.00		99.8	82.1	116				
Surr: Dibromofluoromethane	50.5		50.00		101.0	77.7	120				
Surr: Toluene-d8	49.6		50.00		99.1	86	116				

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

**Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Lab Order:** 10111050

**Report Date:** 13-Dec-10

Carrier: Sean Spinner

Received By: MLD

Completed by: *Marvin L. Darling II*

Reviewed by: *Elizabeth A. Hurley*

On:

On:

23-Nov-10

24-Nov-10

Marvin L. Darling

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 2.6
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<i>When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.</i>				
Water - vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials	<input checked="" type="checkbox"/>
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers	<input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		

Any No responses must be detailed below or on the COC.



# 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

1011050

COC Serial No. **B** 09956

Project Name: **CHAMPAIGN MLP** Project Mgr: **P. SAZAMA**

Project Number: **624-0908-0120** Cost Code: **J0002**

Sampler(s): **J. BLANTON & ED BALLOG**

Laboratory Name: **TEKLAB**

Location: **COLLINGSVILLE, IL**

Sample Number and (depth)	Date	Time	Matrix			
			Soil	Water	Air	Wipes
P6-HI2-F(19)	11/23/10	10:30 AM	X			
P6-G3-F(19)	11/23/10	10:55 AM	X			
P6-HI2-W(3)	11/23/10	11:00 AM	X			
P6-HI2-W(8)	11/23/10	11:05 AM	X			
P6-HI2-W(16)	11/23/10	11:15 AM	X			
P6-HI1-W(3)	11/23/10	11:25 AM	X			
P6-HI1-W(8)	11/23/10	11:32 AM	X			
P6-HI1-W(16)	11/23/10	11:40 AM	X			

Total Number of Containers

Analyses by Method Name and Number

Method Name and Number	P6-HI2-F(19)	P6-G3-F(19)	P6-HI2-W(3)	P6-HI2-W(8)	P6-HI2-W(16)	P6-HI1-W(3)	P6-HI1-W(8)	P6-HI1-W(16)
VOCs 8260	X	X	X	X	X	X	X	X
SUCCS 8270	X	X	X	X	X	X	X	X
SUCCS 8270 SIMS	X	X	X	X	X	X	X	X
ECRA METALS	X	X	X	X	X	X	X	X
TOTAL MEDIA/DLE	X	X	X	X	X	X	X	X
PCBs	X	X	X	X	X	X	X	X
HERBICIDES & PESTICIDES	X	X	X	X	X	X	X	X
TPH (0A-1,0A-2)	X	X	X	X	X	X	X	X
Comments (Field PID)	RUSH FLOOR SAMPLE *	GRUSH *						
Lab ID #'s			1011050-001	002	003	004	005	006

Teklab, Inc.  
Courier Pick Up

Samples Iced:  Yes  No

- Preservatives (ONLY for Water Samples)
- Volatile Organics
  - Hydrochloric acid (HCl)
  - VOC Soil (5035)
  - Sodium Bisulfate/Methanol
  - TPH
  - Hydrochloric acid and/or Sulfuric acid (HNO<sub>3</sub>)
  - Metals
  - Nitric acid (NaOH)
  - Cyanide
  - Sodium hydroxide
  - Other (Specify) \_\_\_\_\_

Lab Directives:

- Requested TAT:  Rush  5 Days  STD  Other \_\_\_\_\_
- Fax and/or Mail Results to: **P. SAZAMA AND L. HOOSIER**
- Send Invoice to: \_\_\_\_\_
- QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other \_\_\_\_\_
- Special Guidelines: \_\_\_\_\_
- Reporting Limits: \_\_\_\_\_
- \* Special: **FOR SEP. COC. ANALYSIS 11/23/10**

Shipping:

Carrier / Airbill No.	
Signature	
Date	
Time	

Relinquished by:

Signature	
Date	11/23/10
Time	1:42 PM
Signature	
Date	11/23/10
Time	1:45

Received by:

Signature	
Date	11/23/10
Time	1342
Signature	
Date	11/23/10
Time	1645