

July 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:** A831-735002-012901-225/Ameren Champaign  
6240908012

**WorkOrder:** 10070526

Dear Pete Sazama:

TEKLAB, INC received 12 samples on 7/14/2010 2:15:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005**Client:** PSC Industrial Outsourcing, LP**SAMPLE SUMMARY****Project:** A831-735002-012901-225/Ameren Champaign 6240908012**Lab Order:** 10070526**Report Date:** 29-Jul-10

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10070526-001	P5-A5-W(3)	5	7/13/2010 8:30:00 AM
10070526-002	P5-A5-W(8)	5	7/13/2010 8:42:00 AM
10070526-003	P5-B5-W(3)	5	7/13/2010 9:11:00 AM
10070526-004	P5-B5-W(8)	5	7/13/2010 9:00:00 AM
10070526-005	P5-C5-W(3)	5	7/13/2010 1:50:00 PM
10070526-006	P5-C5-W(8)	5	7/13/2010 2:00:00 PM
10070526-007	P5-C5-W(20)	5	7/13/2010 2:15:00 PM
10070526-008	P5-B5-W(20)	5	7/13/2010 2:30:00 PM
10070526-009	P5-A4-W(3)	5	7/14/2010 8:20:00 AM
10070526-010	P5-A4-W(8)	5	7/14/2010 8:30:00 AM
10070526-011	P5-A3-W(3)	5	7/14/2010 8:50:00 AM
10070526-012	P5-A3-W(8)	5	7/14/2010 9:00:00 AM

ENVIRONMENTAL TESTING LABORATORY

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**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10070526

**Report Date:** 29-Jul-10

**Cooler Receipt Temp:** 2.4 °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:** 10070526

**Lab ID:** 10070526-001

**Report Date:** 29-Jul-10

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

**Client Sample ID:** P5-A5-W(3)

**Collection Date:** 7/13/2010 8:30:00 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		23.0	%	1	7/14/2010 4:30:00 PM	KNS	
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>									
Total Solids		0.1		77.0	%	1	7/14/2010 4:30:00 PM	KNS	
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>									
Arsenic	NELAP	2.50		4.64	mg/Kg-dry	1	7/19/2010 7:48:59 PM	LAL	
Barium	NELAP	0.50		105	mg/Kg-dry	1	7/16/2010 3:21:03 PM	LAL	
Cadmium	NELAP	0.20		0.29	mg/Kg-dry	1	7/19/2010 7:48:59 PM	LAL	
Chromium	NELAP	1.00		23.0	mg/Kg-dry	1	7/16/2010 3:21:03 PM	LAL	
Lead	NELAP	4.00		19.4	mg/Kg-dry	1	7/20/2010 2:10:34 PM	JMW	
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/16/2010 3:21:03 PM	LAL	
<b><u>SW-846 3050B, METALS BY GFAA</u></b>									
Selenium	7740	NELAP	0.545	J	0.35	mg/Kg-dry	1	7/16/2010 10:19:16 AM	MEK
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>									
4,4'-DDD	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
4,4'-DDE	NELAP	53.9		ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
4,4'-DDT	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Alachlor	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Aldrin	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
alpha-BHC	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
alpha-Chlordane	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
beta-BHC	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Chlordane	NELAP	108		ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
delta-BHC	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Dieldrin	NELAP	53.9		ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Endosulfan I	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Endosulfan II	NELAP	53.9		ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Endosulfan sulfate	NELAP	53.9		ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Endrin	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Endrin aldehyde	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Endrin ketone	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
gamma-BHC	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
gamma-Chlordane	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Heptachlor	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Heptachlor epoxide	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Methoxychlor	NELAP	53.9	S	ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Toxaphene	NELAP	968		ND	µg/Kg-dry	25	7/16/2010 3:05:00 PM	HE	
Surr: Decachlorobiphenyl		48-149		122.2	%REC	25	7/16/2010 3:05:00 PM	HE	
Surr: Tetrachloro-m-xylene		19-145		85.9	%REC	25	7/16/2010 3:05:00 PM	HE	

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-001  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(3)  
**Collection Date:** 7/13/2010 8:30:00 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	48.4		ND	µg/Kg-dry	1	7/16/2010 11:59:00 AM	HE
Aroclor 1221	NELAP	48.4		ND	µg/Kg-dry	1	7/16/2010 11:59:00 AM	HE
Aroclor 1232	NELAP	48.4		ND	µg/Kg-dry	1	7/16/2010 11:59:00 AM	HE
Aroclor 1242	NELAP	48.4		ND	µg/Kg-dry	1	7/16/2010 11:59:00 AM	HE
Aroclor 1248	NELAP	48.4		ND	µg/Kg-dry	1	7/16/2010 11:59:00 AM	HE
Aroclor 1254	NELAP	48.4		ND	µg/Kg-dry	1	7/16/2010 11:59:00 AM	HE
Aroclor 1260	NELAP	48.4		ND	µg/Kg-dry	1	7/16/2010 11:59:00 AM	HE
Surr: Decachlorobiphenyl		5-156		106.6	%REC	1	7/16/2010 11:59:00 AM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		76.8	%REC	1	7/16/2010 11:59:00 AM	HE
<b><u>SW-846 3550B, 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								
2,4,5-T		1920	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
2,4,5-TP (Silvex)		1920	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
2,4-D		1920	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
2,4-DB		1920	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
3,5-Dichlorobenzoic Acid		1920	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
4-Nitrophenol		1920	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
Bentazon		1920	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
Chloramben		1920	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
Dalapon		19200	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
DCPA		1920	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
Dicamba		1920	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
Dichlorprop		1920	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
MCPA		192000	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
MCPP		192000	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
Pentachlorophenol		1920	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
Picloram		1920	S	ND	µg/Kg-dry	50	7/27/2010 12:21:00 AM	HE
Surr: 2,4-Dichlorophenylacetic acid		18.1-118	S	165.6	%REC	50	7/27/2010 12:21:00 AM	HE
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.216		4.82	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Acenaphthylene	NELAP	0.216		1.98	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Anthracene	NELAP	0.216		5.35	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Benzo(a)anthracene	NELAP	0.216		3.92	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Benzo(a)pyrene	NELAP	0.216		3.67	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.216		2.49	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.216		1.86	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.216		0.796	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	4.26		ND	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Chrysene	NELAP	0.216		3.85	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10070526

**Client Sample ID:** P5-A5-W(3)

**Lab ID:** 10070526-001

**Collection Date:** 7/13/2010 8:30:00 AM

**Report Date:** 29-Jul-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>								
Dibenzo(a,h)anthracene	NELAP	0.216		0.441	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Fluoranthene	NELAP	0.216		8.46	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Fluorene	NELAP	0.216		5.11	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.216		1.31	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Naphthalene	NELAP	0.216		0.613	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Phenanthrene	NELAP	0.216		17.0	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Pyrene	NELAP	0.216		10.7	mg/Kg-dry	50	7/15/2010 1:33:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		73.8	%REC	50	7/15/2010 1:33:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		59.2	%REC	50	7/15/2010 1:33:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		83.4	%REC	50	7/15/2010 1:33:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
1,2-Dichlorobenzene	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
1,3-Dichlorobenzene	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
1,4-Dichlorobenzene	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
2,4-Dichlorophenol	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
2,4-Dimethylphenol	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
2,4-Dinitrophenol	NELAP	12.7		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
2,4-Dinitrotoluene	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
2,6-Dinitrotoluene	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
2-Chloronaphthalene	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
2-Chlorophenol	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
2-Methoxy-4-methylphenol		8.27		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
2-Methylnaphthalene	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
2-Nitroaniline	NELAP	12.7		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
2-Nitrophenol	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
3-Nitroaniline	NELAP	12.7		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	12.7		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
4-Chloroaniline	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
4-Nitroaniline	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
4-Nitrophenol	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Aniline	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 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>								
Azobenzene		4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Benzidine	NELAP	13.4		see note	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Benzoic acid	NELAP	19.1		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Benzyl alcohol	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Butyl benzyl phthalate	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Carbazole		6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Dibenzofuran	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Diethyl phthalate	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Dimethyl phthalate	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Di-n-butyl phthalate	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Di-n-octyl phthalate	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Hexachlorobenzene	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Hexachlorobutadiene	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Hexachloroethane	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Isophorone	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
m,p-Cresol	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Nitrobenzene	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
N-Nitrosodimethylamine	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
o-Cresol	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Pentachlorophenol	NELAP	25.5		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Phenol	NELAP	4.45		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Pyridine	NELAP	6.36		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
1,2-Diphenylhydrazine		10.7		ND	mg/Kg-dry	10	7/16/2010 4:58:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		104.1	%REC	10	7/16/2010 4:58:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		110.3	%REC	10	7/16/2010 4:58:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		95.5	%REC	10	7/16/2010 4:58:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		93.8	%REC	10	7/16/2010 4:58:00 PM	DMH
Surr: Phenol-d5		34.9-110		96.2	%REC	10	7/16/2010 4:58:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		118.4	%REC	10	7/16/2010 4:58:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,1,1-Trichloroethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-001  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(3)  
**Collection Date:** 7/13/2010 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,2,2-Tetrachloroethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,1,2-Trichloroethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,1-Dichloro-2-propanone		4600		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,1-Dichloroethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,1-Dichloroethene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,1-Dichloropropene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,2,3-Trichloropropane	NELAP	919		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,2,3-Trimethylbenzene		460	J	440	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	460	J	130	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,2-Dibromoethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,2-Dichlorobenzene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,2-Dichloroethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,2-Dichloropropane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	460	J	140	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,3-Dichlorobenzene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,3-Dichloropropane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1,4-Dichlorobenzene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
1-Chlorobutane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
2,2-Dichloropropane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
2-Butanone	NELAP	4600		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
2-Chlorotoluene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
2-Hexanone	NELAP	4600		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
2-Nitropropane	NELAP	4600		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
4-Chlorotoluene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
4-Methyl-2-pentanone	NELAP	4600		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Acetone	NELAP	4600		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Acrolein	NELAP	9190		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Acrylonitrile	NELAP	919		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Allyl chloride	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Benzene	NELAP	91.9		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Bromobenzene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Bromochloromethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Bromodichloromethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Bromoform	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-001  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(3)  
**Collection Date:** 7/13/2010 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Bromomethane	NELAP	919		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Carbon disulfide	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Carbon tetrachloride	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Chlorobenzene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Chloroethane	NELAP	919		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Chloroform	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Chloromethane	NELAP	919		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	368		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Cyclohexanone		9190		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Dibromochloromethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Dibromomethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Dichlorodifluoromethane	NELAP	919		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Ethyl acetate	NELAP	4600		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Ethyl ether	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Ethyl methacrylate	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Ethylbenzene	NELAP	460		578	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Heptane		1840		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Hexachlorobutadiene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Hexachloroethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Iodomethane	NELAP	919		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Isopropylbenzene	NELAP	460	J	140	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
m,p-Xylenes	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Methacrylonitrile	NELAP	4600		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Methyl Methacrylate	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Methyl tert-butyl ether	NELAP	184		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Methylacrylate		919		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Methylene chloride	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Naphthalene	NELAP	919		1850	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
n-Butylbenzene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
n-Hexane		1840		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Nitrobenzene	NELAP	9190		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
n-Propylbenzene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
o-Xylene	NELAP	460	J	210	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Pentachloroethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
p-Isopropyltoluene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Propionitrile	NELAP	4600		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
sec-Butylbenzene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10070526

**Lab ID:** 10070526-001

**Report Date:** 29-Jul-10

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

**Client Sample ID:** P5-A5-W(3)

**Collection Date:** 7/13/2010 8:30:00 AM

**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Styrene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
tert-Butylbenzene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Tetrachloroethene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Tetrahydrofuran	NELAP	4600		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Toluene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	368		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Trichloroethene	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Trichlorofluoromethane	NELAP	460		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Vinyl acetate	NELAP	4600		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Vinyl chloride	NELAP	184		ND	µg/Kg-dry	50	7/15/2010 5:51:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		94.8	%REC	50	7/15/2010 5:51:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		102.5	%REC	50	7/15/2010 5:51:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		95.5	%REC	50	7/15/2010 5:51:00 PM	RWE
Surr: Toluene-d8		86-116		98.9	%REC	50	7/15/2010 5:51:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		0.017	mg/Kg-dry	1	7/15/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.65		< 0.65	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.65		Interference	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM

### Sample Narrative

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

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

Elevated reporting limit due to sample composition.

SW-846 3550B, 8151A, Chlorinated Herbicides by GC/ECD

Surrogate recovery was outside QC limits due to matrix interference and dilution factor.

Matrix spike did not recover within control limits because of matrix interference and dilution factor.

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

DCPA outside upper QC limits, Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

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 results are below reporting limit - data is reportable.

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:** 10070526  
**Lab ID:** 10070526-002  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(8)  
**Collection Date:** 7/13/2010 8:42:00 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		24.8	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		75.2	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.17	mg/Kg-dry	1	7/19/2010 7:55:46 PM	LAL
Barium	NELAP	0.50		67.8	mg/Kg-dry	1	7/16/2010 3:27:50 PM	LAL
Cadmium	NELAP	0.20	J	0.13	mg/Kg-dry	1	7/19/2010 7:55:46 PM	LAL
Chromium	NELAP	1.00		18.2	mg/Kg-dry	1	7/16/2010 3:27:50 PM	LAL
Lead	NELAP	4.00		12.4	mg/Kg-dry	1	7/20/2010 2:13:24 PM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/16/2010 3:27:50 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	7/16/2010 10:36:10 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.440		3.85	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Acenaphthylene	NELAP	0.440		1.35	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Anthracene	NELAP	0.440		2.89	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Benzo(a)anthracene	NELAP	0.440		1.99	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Benzo(a)pyrene	NELAP	0.440		2.34	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.440		1.80	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.440		1.70	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.440		0.565	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	8.67		ND	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Chrysene	NELAP	0.440		1.61	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.440		ND	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Fluoranthene	NELAP	0.440		4.35	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Fluorene	NELAP	0.440		3.27	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.440		1.21	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Naphthalene	NELAP	0.440		4.11	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Phenanthrene	NELAP	0.440		9.43	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Pyrene	NELAP	0.440		5.47	mg/Kg-dry	100	7/15/2010 2:11:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		73.6	%REC	100	7/15/2010 2:11:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		58.8	%REC	100	7/15/2010 2:11:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		83.6	%REC	100	7/15/2010 2:11:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
1,2-Dichlorobenzene	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
1,3-Dichlorobenzene	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
1,4-Dichlorobenzene	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-002  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(8)  
**Collection Date:** 7/13/2010 8:42:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
2,4-Dichlorophenol	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
2,4-Dimethylphenol	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
2,4-Dinitrophenol	NELAP	12.9		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
2,4-Dinitrotoluene	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
2,6-Dinitrotoluene	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
2-Chloronaphthalene	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
2-Chlorophenol	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
2-Methoxy-4-methylphenol		8.41		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
2-Methylnaphthalene	NELAP	4.53	J	1.8	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
2-Nitroaniline	NELAP	12.9		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
2-Nitrophenol	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
3-Nitroaniline	NELAP	12.9		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	12.9		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
4-Chloroaniline	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
4-Nitroaniline	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
4-Nitrophenol	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Aniline	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Azobenzene		4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Benzidine	NELAP	13.7		see note	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Benzoic acid	NELAP	19.4		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Benzyl alcohol	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Butyl benzyl phthalate	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Carbazole		6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Dibenzofuran	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Diethyl phthalate	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Dimethyl phthalate	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Di-n-butyl phthalate	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Di-n-octyl phthalate	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Hexachlorobenzene	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-002  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(8)  
**Collection Date:** 7/13/2010 8:42:00 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	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Hexachloroethane	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Isophorone	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
m,p-Cresol	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Nitrobenzene	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
N-Nitrosodimethylamine	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
o-Cresol	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Pentachlorophenol	NELAP	25.9		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Phenol	NELAP	4.53		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Pyridine	NELAP	6.47		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
1,2-Diphenylhydrazine		10.9		ND	mg/Kg-dry	10	7/16/2010 5:30:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		94.7	%REC	10	7/16/2010 5:30:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		97.4	%REC	10	7/16/2010 5:30:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		80.9	%REC	10	7/16/2010 5:30:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		83.5	%REC	10	7/16/2010 5:30:00 PM	DMH
Surr: Phenol-d5		34.9-110		84.5	%REC	10	7/16/2010 5:30:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		111.0	%REC	10	7/16/2010 5:30:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,1-Dichloro-2-propanone		55500		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,1-Dichloroethane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,1-Dichloroethene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,1-Dichloropropene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,2,3-Trichloropropane	NELAP	11100		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,2,3-Trimethylbenzene		5550	J	2600	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5550	J	1900	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,2-Dibromoethane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-002  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(8)  
**Collection Date:** 7/13/2010 8:42:00 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	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,2-Dichloropropane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,3-Dichloropropane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
1-Chlorobutane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
2,2-Dichloropropane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
2-Butanone	NELAP	55500		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
2-Chlorotoluene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
2-Hexanone	NELAP	55500		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
2-Nitropropane	NELAP	55500		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
4-Chlorotoluene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
4-Methyl-2-pentanone	NELAP	55500		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Acetone	NELAP	55500		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Acrolein	NELAP	111000		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Acrylonitrile	NELAP	11100		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Allyl chloride	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Benzene	NELAP	1110		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Bromobenzene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Bromochloromethane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Bromodichloromethane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Bromoform	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Bromomethane	NELAP	11100		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Carbon disulfide	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Carbon tetrachloride	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Chlorobenzene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Chloroethane	NELAP	11100		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Chloroform	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Chloromethane	NELAP	11100		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4440		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Cyclohexanone		111000		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Dibromochloromethane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Dibromomethane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Dichlorodifluoromethane	NELAP	11100		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Ethyl acetate	NELAP	55500		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Ethyl ether	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-002  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(8)  
**Collection Date:** 7/13/2010 8:42:00 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	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Ethylbenzene	NELAP	5550	J	1500	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Heptane		22200		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Hexachlorobutadiene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Hexachloroethane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Iodomethane	NELAP	11100		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Isopropylbenzene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
m,p-Xylenes	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Methacrylonitrile	NELAP	55500		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Methyl Methacrylate	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Methyl tert-butyl ether	NELAP	2220		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Methylacrylate		11100		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Methylene chloride	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Naphthalene	NELAP	11100		52000	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
n-Butylbenzene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
n-Hexane		22200		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Nitrobenzene	NELAP	111000		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
n-Propylbenzene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
o-Xylene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Pentachloroethane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
p-Isopropyltoluene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Propionitrile	NELAP	55500		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
sec-Butylbenzene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Styrene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
tert-Butylbenzene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Tetrachloroethene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Tetrahydrofuran	NELAP	55500		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Toluene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4440		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Trichloroethene	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Trichlorofluoromethane	NELAP	5550		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Vinyl acetate	NELAP	55500		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Vinyl chloride	NELAP	2220		ND	µg/Kg-dry	500	7/15/2010 12:05:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		96.6	%REC	500	7/15/2010 12:05:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		100.4	%REC	500	7/15/2010 12:05:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.6	%REC	500	7/15/2010 12:05:00 PM	RWE
Surr: Toluene-d8		86-116		98.2	%REC	500	7/15/2010 12:05:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-002  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(8)  
**Collection Date:** 7/13/2010 8:42:00 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>0.020</b>	mg/Kg-dry	1	7/15/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.58		<b>&lt; 0.58</b>	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.61		<b>Interference</b>	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM

### 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 results are below reporting limit - data is reportable.

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

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

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

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

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



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10070526

**Client Sample ID:** P5-B5-W(3)

**Lab ID:** 10070526-003

**Collection Date:** 7/13/2010 9:11:00 AM

**Report Date:** 29-Jul-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		15.5	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		84.5	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		5.85	mg/Kg-dry	1	7/19/2010 8:02:33 PM	LAL
Barium	NELAP	0.50		55.4	mg/Kg-dry	1	7/16/2010 3:53:41 PM	LAL
Cadmium	NELAP	0.20	J	0.12	mg/Kg-dry	1	7/19/2010 8:02:33 PM	LAL
Chromium	NELAP	1.00		19.4	mg/Kg-dry	1	7/16/2010 3:53:41 PM	LAL
Lead	NELAP	4.00		11.6	mg/Kg-dry	1	7/20/2010 2:16:14 PM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/16/2010 3:53:41 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	7/16/2010 10:39:32 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.026	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Acenaphthylene	NELAP	0.004		0.032	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Anthracene	NELAP	0.004	R	0.013	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Benzo(a)anthracene	NELAP	0.004		0.012	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Benzo(a)pyrene	NELAP	0.004		0.008	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.006	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.006	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.079	S	ND	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Chrysene	NELAP	0.004		0.008	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Fluoranthene	NELAP	0.004		0.022	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Fluorene	NELAP	0.004		0.014	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Naphthalene	NELAP	0.040	S	3.32	mg/Kg-dry	10	7/15/2010 4:39:00 PM	MAV
Phenanthrene	NELAP	0.004	SR	0.048	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Pyrene	NELAP	0.004	R	0.026	mg/Kg-dry	1	7/15/2010 12:56:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131	S	65.9	%REC	1	7/15/2010 12:56:00 PM	MAV
Surr: Nitrobenzene-d5		10-132	S	63.6	%REC	1	7/15/2010 12:56:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131	S	76.2	%REC	1	7/15/2010 12:56:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-003  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(3)  
**Collection Date:** 7/13/2010 9:11:00 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	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.18		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
2-Chloronaphthalene	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
2-Chlorophenol	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
2-Methoxy-4-methylphenol		0.766		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
2-Methylnaphthalene	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
2-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
2-Nitrophenol	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
3-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.18		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
4-Chloroaniline	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
4-Nitroaniline	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
4-Nitrophenol	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Aniline	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Azobenzene		0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Benzidine	NELAP	1.24		see note	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Benzoic acid	NELAP	1.77		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Benzyl alcohol	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Carbazole		0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Dibenzofuran	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Diethyl phthalate	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Dimethyl phthalate	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Hexachlorobenzene	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-003  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(3)  
**Collection Date:** 7/13/2010 9:11:00 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	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Hexachloroethane	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Isophorone	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
m,p-Cresol	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Nitrobenzene	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
o-Cresol	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Pentachlorophenol	NELAP	2.36		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Phenol	NELAP	0.412		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Pyridine	NELAP	0.589		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
1,2-Diphenylhydrazine		0.989		ND	mg/Kg-dry	1	7/16/2010 2:17:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		100.3	%REC	1	7/16/2010 2:17:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		84.3	%REC	1	7/16/2010 2:17:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		78.5	%REC	1	7/16/2010 2:17:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		81.3	%REC	1	7/16/2010 2:17:00 PM	DMH
Surr: Phenol-d5		34.9-110		81.8	%REC	1	7/16/2010 2:17:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		106.9	%REC	1	7/16/2010 2:17:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,1,1-Trichloroethane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,1,2-Trichloroethane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,1-Dichloro-2-propanone		4020		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,1-Dichloroethane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,1-Dichloroethene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,1-Dichloropropene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,2,3-Trichloropropane	NELAP	804		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,2,3-Trimethylbenzene		402	J	300	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	402	J	90	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,2-Dibromoethane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,2-Dichlorobenzene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-003  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(3)  
**Collection Date:** 7/13/2010 9:11:00 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	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,2-Dichloropropane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,3-Dichlorobenzene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,3-Dichloropropane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1,4-Dichlorobenzene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
1-Chlorobutane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
2,2-Dichloropropane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
2-Butanone	NELAP	4020		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
2-Chlorotoluene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
2-Hexanone	NELAP	4020		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
2-Nitropropane	NELAP	4020		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
4-Chlorotoluene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
4-Methyl-2-pentanone	NELAP	4020		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Acetone	NELAP	4020		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Acrolein	NELAP	8040		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Acrylonitrile	NELAP	804		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Allyl chloride	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Benzene	NELAP	80.4		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Bromobenzene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Bromochloromethane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Bromodichloromethane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Bromoform	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Bromomethane	NELAP	804		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Carbon disulfide	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Carbon tetrachloride	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Chlorobenzene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Chloroethane	NELAP	804		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Chloroform	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Chloromethane	NELAP	804		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	322		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Cyclohexanone		8040		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Dibromochloromethane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Dibromomethane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Dichlorodifluoromethane	NELAP	804		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Ethyl acetate	NELAP	4020		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Ethyl ether	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-003  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(3)  
**Collection Date:** 7/13/2010 9:11:00 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	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Ethylbenzene	NELAP	402	J	170	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Heptane		1610		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Hexachlorobutadiene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Hexachloroethane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Iodomethane	NELAP	804		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Isopropylbenzene	NELAP	402	J	290	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
m,p-Xylenes	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Methacrylonitrile	NELAP	4020		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Methyl Methacrylate	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Methyl tert-butyl ether	NELAP	161		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Methylacrylate		804		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Methylene chloride	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Naphthalene	NELAP	804		3710	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
n-Butylbenzene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
n-Hexane		1610		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Nitrobenzene	NELAP	8040		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
n-Propylbenzene	NELAP	402	J	90	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
o-Xylene	NELAP	402	J	84	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Pentachloroethane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
p-Isopropyltoluene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Propionitrile	NELAP	4020		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
sec-Butylbenzene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Styrene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
tert-Butylbenzene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Tetrachloroethene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Tetrahydrofuran	NELAP	4020		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Toluene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	322		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Trichloroethene	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Trichlorofluoromethane	NELAP	402		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Vinyl acetate	NELAP	4020		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Vinyl chloride	NELAP	161		ND	µg/Kg-dry	50	7/15/2010 6:20:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		93.5	%REC	50	7/15/2010 6:20:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		104.6	%REC	50	7/15/2010 6:20:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		95.0	%REC	50	7/15/2010 6:20:00 PM	RWE
Surr: Toluene-d8		86-116		100	%REC	50	7/15/2010 6:20:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-003  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(3)  
**Collection Date:** 7/13/2010 9:11:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		< 0.012	mg/Kg-dry	1	7/15/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.56		Interference	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM

### 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 results are below reporting limit - data is reportable.

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

Surrogate recovery was outside QC limits due to matrix interference.

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

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

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-004  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(8)  
**Collection Date:** 7/13/2010 9:00:00 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		25.6	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		74.4	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		< 2.50	mg/Kg-dry	1	7/19/2010 8:35:25 PM	LAL
Barium	NELAP	0.50		184	mg/Kg-dry	1	7/16/2010 4:13:53 PM	LAL
Cadmium	NELAP	0.20		1.73	mg/Kg-dry	1	7/19/2010 8:35:25 PM	LAL
Chromium	NELAP	1.00		28.0	mg/Kg-dry	1	7/16/2010 4:13:53 PM	LAL
Lead	NELAP	4.00		17.9	mg/Kg-dry	1	7/20/2010 2:25:22 PM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/16/2010 4:13:53 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	7/16/2010 10:42:52 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.226		1.11	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Acenaphthylene	NELAP	0.226		2.04	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Anthracene	NELAP	0.226		2.80	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Benzo(a)anthracene	NELAP	0.226		2.18	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Benzo(a)pyrene	NELAP	0.226		1.94	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.226		1.47	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.226		1.03	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.226		0.498	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	4.45		ND	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Chrysene	NELAP	0.226		2.11	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.226		0.250	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Fluoranthene	NELAP	0.226		4.90	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Fluorene	NELAP	0.226		3.55	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.226		0.774	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Naphthalene	NELAP	0.226		0.407	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Phenanthrene	NELAP	0.226		8.73	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Pyrene	NELAP	0.226		6.18	mg/Kg-dry	50	7/15/2010 7:53:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		59.2	%REC	50	7/15/2010 7:53:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		54.8	%REC	50	7/15/2010 7:53:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		72.2	%REC	50	7/15/2010 7:53:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
1,2-Dichlorobenzene	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
1,3-Dichlorobenzene	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
1,4-Dichlorobenzene	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-004  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(8)  
**Collection Date:** 7/13/2010 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>								
2,4,5-Trichlorophenol	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
2,4-Dichlorophenol	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
2,4-Dimethylphenol	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
2,4-Dinitrophenol	NELAP	6.64		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
2,4-Dinitrotoluene	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
2,6-Dinitrotoluene	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
2-Chloronaphthalene	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
2-Chlorophenol	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
2-Methoxy-4-methylphenol		4.31		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
2-Methylnaphthalene	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
2-Nitroaniline	NELAP	6.64		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
2-Nitrophenol	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
3-Nitroaniline	NELAP	6.64		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	6.64		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
4-Chloroaniline	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
4-Nitroaniline	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
4-Nitrophenol	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Aniline	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Azobenzene		2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Benzidine	NELAP	7.01		see note	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Benzoic acid	NELAP	9.95		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Benzyl alcohol	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Butyl benzyl phthalate	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Carbazole		3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Dibenzofuran	NELAP	2.32	J	0.92	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Diethyl phthalate	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Dimethyl phthalate	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Di-n-butyl phthalate	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Di-n-octyl phthalate	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Hexachlorobenzene	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-004  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(8)  
**Collection Date:** 7/13/2010 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	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Hexachloroethane	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Isophorone	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
m,p-Cresol	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Nitrobenzene	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
N-Nitrosodimethylamine	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
o-Cresol	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Pentachlorophenol	NELAP	13.3		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Phenol	NELAP	2.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Pyridine	NELAP	3.32		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
1,2-Diphenylhydrazine		5.57		ND	mg/Kg-dry	5	7/16/2010 6:02:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		92.9	%REC	5	7/16/2010 6:02:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		81.3	%REC	5	7/16/2010 6:02:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		77.4	%REC	5	7/16/2010 6:02:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		82.6	%REC	5	7/16/2010 6:02:00 PM	DMH
Surr: Phenol-d5		34.9-110		82.9	%REC	5	7/16/2010 6:02:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		99.6	%REC	5	7/16/2010 6:02:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,1,1-Trichloroethane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,1,2-Trichloroethane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,1-Dichloro-2-propanone		1730		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,1-Dichloroethane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,1-Dichloroethene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,1-Dichloropropene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,2,3-Trichloropropane	NELAP	347		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,2,3-Trimethylbenzene		173		546	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	173		338	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,2-Dibromoethane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,2-Dichlorobenzene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-004  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(8)  
**Collection Date:** 7/13/2010 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	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,2-Dichloropropane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	173	J	130	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,3-Dichlorobenzene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,3-Dichloropropane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1,4-Dichlorobenzene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
1-Chlorobutane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
2,2-Dichloropropane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
2-Butanone	NELAP	1730		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
2-Chlorotoluene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
2-Hexanone	NELAP	1730		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
2-Nitropropane	NELAP	1730		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
4-Chlorotoluene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1730		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Acetone	NELAP	1730		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Acrolein	NELAP	3470		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Acrylonitrile	NELAP	347		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Allyl chloride	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Benzene	NELAP	34.7		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Bromobenzene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Bromochloromethane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Bromodichloromethane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Bromoform	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Bromomethane	NELAP	347		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Carbon disulfide	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Carbon tetrachloride	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Chlorobenzene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Chloroethane	NELAP	347		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Chloroform	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Chloromethane	NELAP	347		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	139		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Cyclohexanone		3470		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Dibromochloromethane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Dibromomethane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Dichlorodifluoromethane	NELAP	347		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Ethyl acetate	NELAP	1730	J	1000	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Ethyl ether	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-004  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(8)  
**Collection Date:** 7/13/2010 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	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Ethylbenzene	NELAP	173		318	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Heptane		693	J	280	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Hexachlorobutadiene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Hexachloroethane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Iodomethane	NELAP	347		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Isopropylbenzene	NELAP	173	J	130	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
m,p-Xylenes	NELAP	173		1040	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Methacrylonitrile	NELAP	1730		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Methyl Methacrylate	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Methyl tert-butyl ether	NELAP	69.3		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Methylacrylate		347		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Methylene chloride	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Naphthalene	NELAP	347		4250	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
n-Butylbenzene	NELAP	173	J	160	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
n-Hexane		693	J	230	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Nitrobenzene	NELAP	3470		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
n-Propylbenzene	NELAP	173	J	160	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
o-Xylene	NELAP	173		297	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Pentachloroethane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
p-Isopropyltoluene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Propionitrile	NELAP	1730		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
sec-Butylbenzene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Styrene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
tert-Butylbenzene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Tetrachloroethene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Tetrahydrofuran	NELAP	1730		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Toluene	NELAP	173	J	110	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	139		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Trichloroethene	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Trichlorofluoromethane	NELAP	173		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Vinyl acetate	NELAP	1730		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Vinyl chloride	NELAP	69.3		ND	µg/Kg-dry	12.5	7/15/2010 1:03:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		94.8	%REC	12.5	7/15/2010 1:03:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		99.4	%REC	12.5	7/15/2010 1:03:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		93.0	%REC	12.5	7/15/2010 1:03:00 PM	RWE
Surr: Toluene-d8		86-116		100	%REC	12.5	7/15/2010 1:03:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-004  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(8)  
**Collection Date:** 7/13/2010 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	0.013		<b>0.035</b>	mg/Kg-dry	1	7/15/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.63	J	<b>0.35</b>	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.67		<b>&lt; 0.67</b>	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM

### 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 results are below reporting limit - data is reportable.

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:** 10070526  
**Lab ID:** 10070526-005  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(3)  
**Collection Date:** 7/13/2010 1:50:00 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		25.1	%	1	7/14/2010 4:30:00 PM	KNS	
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>									
Total Solids		0.1		74.9	%	1	7/14/2010 4:30:00 PM	KNS	
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>									
Arsenic	NELAP	2.50		< 2.50	mg/Kg-dry	1	7/19/2010 8:42:12 PM	LAL	
Barium	NELAP	0.50		170	mg/Kg-dry	1	7/16/2010 4:20:39 PM	LAL	
Cadmium	NELAP	0.20		0.38	mg/Kg-dry	1	7/19/2010 8:42:12 PM	LAL	
Chromium	NELAP	1.00		23.5	mg/Kg-dry	1	7/16/2010 4:20:39 PM	LAL	
Lead	NELAP	4.00		50.5	mg/Kg-dry	1	7/20/2010 2:33:56 PM	JMW	
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/16/2010 4:20:39 PM	LAL	
<b><u>SW-846 3050B, METALS BY GFAA</u></b>									
Selenium	7740	NELAP	0.577	J	0.54	mg/Kg-dry	1	7/16/2010 10:46:14 AM	MEK
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>									
4,4'-DDD	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
4,4'-DDE	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
4,4'-DDT	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Alachlor	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Aldrin	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
alpha-BHC	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
alpha-Chlordane	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
beta-BHC	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Chlordane	NELAP	109		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
delta-BHC	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Dieldrin	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Endosulfan I	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Endosulfan II	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Endosulfan sulfate	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Endrin	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Endrin aldehyde	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Endrin ketone	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
gamma-BHC	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
gamma-Chlordane	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Heptachlor	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Heptachlor epoxide	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Methoxychlor	NELAP	54.7		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Toxaphene	NELAP	982		ND	µg/Kg-dry	25	7/16/2010 4:16:00 PM	HE	
Surr: Decachlorobiphenyl		48-149		98.8	%REC	25	7/16/2010 4:16:00 PM	HE	
Surr: Tetrachloro-m-xylene		19-145		104.1	%REC	25	7/16/2010 4:16:00 PM	HE	

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-005  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(3)  
**Collection Date:** 7/13/2010 1:50:00 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	49.1		ND	µg/Kg-dry	1	7/16/2010 4:20:00 PM	HE
Aroclor 1221	NELAP	49.1		ND	µg/Kg-dry	1	7/16/2010 4:20:00 PM	HE
Aroclor 1232	NELAP	49.1		ND	µg/Kg-dry	1	7/16/2010 4:20:00 PM	HE
Aroclor 1242	NELAP	49.1		ND	µg/Kg-dry	1	7/16/2010 4:20:00 PM	HE
Aroclor 1248	NELAP	49.1		ND	µg/Kg-dry	1	7/16/2010 4:20:00 PM	HE
Aroclor 1254	NELAP	49.1		ND	µg/Kg-dry	1	7/16/2010 4:20:00 PM	HE
Aroclor 1260	NELAP	49.1	R	ND	µg/Kg-dry	1	7/16/2010 4:20:00 PM	HE
Surr: Decachlorobiphenyl		5-156		66.1	%REC	1	7/16/2010 4:20:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		60.2	%REC	1	7/16/2010 4:20:00 PM	HE
<b><u>SW-846 3550B, 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								
2,4,5-T		1960		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
2,4,5-TP (Silvex)		1960		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
2,4-D		1960		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
2,4-DB		1960		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
3,5-Dichlorobenzoic Acid		1960		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
4-Nitrophenol		1960		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
Bentazon		1960		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
Chloramben		1960		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
Dalapon		19600		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
DCPA		1960		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
Dicamba		1960		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
Dichlorprop		1960		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
MCPA		196000		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
MCPP		196000		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
Pentachlorophenol		1960		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
Picloram		1960		ND	µg/Kg-dry	50	7/27/2010 1:55:00 AM	HE
Surr: 2,4-Dichlorophenylacetic acid		18.1-118		111.4	%REC	50	7/27/2010 1:55:00 AM	HE
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.447		ND	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Acenaphthylene	NELAP	0.447		0.833	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Anthracene	NELAP	0.447		ND	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Benzo(a)anthracene	NELAP	0.447		2.46	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Benzo(a)pyrene	NELAP	0.447		2.68	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.447		2.66	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.447		1.90	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.447		0.934	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	8.81		ND	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Chrysene	NELAP	0.447		2.46	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-005  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(3)  
**Collection Date:** 7/13/2010 1:50:00 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>								
Dibenzo(a,h)anthracene	NELAP	0.447		<b>0.456</b>	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Fluoranthene	NELAP	0.447		<b>3.21</b>	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Fluorene	NELAP	0.447		<b>ND</b>	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.447		<b>1.51</b>	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Naphthalene	NELAP	0.447		<b>ND</b>	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Phenanthrene	NELAP	0.447		<b>0.658</b>	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Pyrene	NELAP	0.447		<b>3.47</b>	mg/Kg-dry	100	7/15/2010 8:30:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		<b>76.0</b>	%REC	100	7/15/2010 8:30:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		<b>60.8</b>	%REC	100	7/15/2010 8:30:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		<b>83.2</b>	%REC	100	7/15/2010 8:30:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	6.58		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
1,2-Dichlorobenzene	NELAP	6.58		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
1,3-Dichlorobenzene	NELAP	6.58		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
1,4-Dichlorobenzene	NELAP	6.58		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	4.60		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	4.60		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
2,4-Dichlorophenol	NELAP	6.58		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
2,4-Dimethylphenol	NELAP	6.58		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
2,4-Dinitrophenol	NELAP	13.2		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
2,4-Dinitrotoluene	NELAP	4.60		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
2,6-Dinitrotoluene	NELAP	4.60		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
2-Chloronaphthalene	NELAP	4.60		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
2-Chlorophenol	NELAP	6.58		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
2-Methoxy-4-methylphenol		8.55		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
2-Methylnaphthalene	NELAP	4.60		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
2-Nitroaniline	NELAP	13.2		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
2-Nitrophenol	NELAP	4.60		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	4.60		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
3-Nitroaniline	NELAP	13.2		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	13.2		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	4.60		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	6.58		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
4-Chloroaniline	NELAP	6.58		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.60		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
4-Nitroaniline	NELAP	6.58		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
4-Nitrophenol	NELAP	4.60		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Aniline	NELAP	6.58		<b>ND</b>	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-005  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(3)  
**Collection Date:** 7/13/2010 1:50:00 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>								
Azobenzene		4.60		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Benzidine	NELAP	13.9		see note	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Benzoic acid	NELAP	19.7		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Benzyl alcohol	NELAP	6.58		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.60		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	6.58		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.60		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Butyl benzyl phthalate	NELAP	4.60		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Carbazole		6.58		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Dibenzofuran	NELAP	4.60		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Diethyl phthalate	NELAP	6.58		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Dimethyl phthalate	NELAP	4.60		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Di-n-butyl phthalate	NELAP	4.60		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Di-n-octyl phthalate	NELAP	4.60		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Hexachlorobenzene	NELAP	4.60		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Hexachlorobutadiene	NELAP	6.58		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	4.60		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Hexachloroethane	NELAP	6.58		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Isophorone	NELAP	4.60		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
m,p-Cresol	NELAP	6.58		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Nitrobenzene	NELAP	6.58		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
N-Nitrosodimethylamine	NELAP	6.58		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	6.58		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	6.58		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
o-Cresol	NELAP	6.58		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Pentachlorophenol	NELAP	26.3		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Phenol	NELAP	4.60		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Pyridine	NELAP	6.58		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
1,2-Diphenylhydrazine		11.0		ND	mg/Kg-dry	10	7/16/2010 6:34:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		91.1	%REC	10	7/16/2010 6:34:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		89.9	%REC	10	7/16/2010 6:34:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		78.0	%REC	10	7/16/2010 6:34:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		80.6	%REC	10	7/16/2010 6:34:00 PM	DMH
Surr: Phenol-d5		34.9-110		81.0	%REC	10	7/16/2010 6:34:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		101.3	%REC	10	7/16/2010 6:34:00 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	7/15/2010 6:49:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-005  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(3)  
**Collection Date:** 7/13/2010 1:50:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,2,2-Tetrachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,1-Dichloro-2-propanone		50.6		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,1-Dichloroethane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,1-Dichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,1-Dichloropropene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,2,3-Trimethylbenzene		5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,2-Dibromoethane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,2-Dichloroethane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,2-Dichloropropane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,3-Dichloropropane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
1-Chlorobutane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
2,2-Dichloropropane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
2-Butanone	NELAP	50.6		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
2-Chlorotoluene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
2-Hexanone	NELAP	50.6		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
2-Nitropropane	NELAP	50.6		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
4-Chlorotoluene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
4-Methyl-2-pentanone	NELAP	50.6		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Acetone	NELAP	50.6	J	30	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Acrolein	NELAP	101		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Acrylonitrile	NELAP	10.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Allyl chloride	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Benzene	NELAP	1.0		2.8	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Bromobenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Bromochloromethane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Bromodichloromethane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Bromoform	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-005  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(3)  
**Collection Date:** 7/13/2010 1:50:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Bromomethane	NELAP	10.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Carbon disulfide	NELAP	5.1	J	4.6	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Carbon tetrachloride	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Chlorobenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Chloroethane	NELAP	10.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Chloroform	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Chloromethane	NELAP	10.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Cyclohexanone		101		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Dibromochloromethane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Dibromomethane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Dichlorodifluoromethane	NELAP	10.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Ethyl acetate	NELAP	50.6		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Ethyl ether	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Ethyl methacrylate	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Ethylbenzene	NELAP	5.1	J	1.6	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Heptane		20.2		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Hexachlorobutadiene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Hexachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Iodomethane	NELAP	10.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Isopropylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
m,p-Xylenes	NELAP	5.1	J	1.3	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Methacrylonitrile	NELAP	50.6		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Methyl Methacrylate	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.0		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Methylacrylate		10.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Methylene chloride	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Naphthalene	NELAP	10.1	J	4.8	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
n-Butylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
n-Hexane		20.2		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Nitrobenzene	NELAP	101		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
n-Propylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
o-Xylene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Pentachloroethane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
p-Isopropyltoluene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Propionitrile	NELAP	50.6		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
sec-Butylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-005  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(3)  
**Collection Date:** 7/13/2010 1:50:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Styrene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
tert-Butylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Tetrachloroethene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Tetrahydrofuran	NELAP	50.6		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Toluene	NELAP	5.1	J	1.4	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Trichloroethene	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Trichlorofluoromethane	NELAP	5.1		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Vinyl acetate	NELAP	50.6		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Vinyl chloride	NELAP	2.0		ND	µg/Kg-dry	1	7/15/2010 6:49:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		103.5	%REC	1	7/15/2010 6:49:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		94.4	%REC	1	7/15/2010 6:49:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		101.1	%REC	1	7/15/2010 6:49:00 PM	RWE
Surr: Toluene-d8		86-116		102.8	%REC	1	7/15/2010 6:49:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013		0.081	mg/Kg-dry	1	7/15/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.67		8.69	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.67		Interference	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM

### 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

RPD was outside of QC limit due to sample composition.

SW-846 3550B, 8151A, Chlorinated Herbicides by GC/ECD

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

DCPA outside upper QC limits, Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

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 results are below reporting limit - data is reportable.

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  
FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-006  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(8)  
**Collection Date:** 7/13/2010 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		14.6	%	1	7/14/2010 4:30:00 PM	KNS	
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>									
Total Solids		0.1		85.4	%	1	7/14/2010 4:30:00 PM	KNS	
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>									
Arsenic	NELAP	2.36		5.73	mg/Kg-dry	1	7/19/2010 8:48:43 PM	LAL	
Barium	NELAP	0.47		33.1	mg/Kg-dry	1	7/16/2010 4:27:11 PM	LAL	
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	7/19/2010 8:48:43 PM	LAL	
Chromium	NELAP	0.94		15.0	mg/Kg-dry	1	7/16/2010 4:27:11 PM	LAL	
Lead	NELAP	3.77		7.72	mg/Kg-dry	1	7/20/2010 2:36:45 PM	JMW	
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	7/16/2010 4:27:11 PM	LAL	
<b><u>SW-846 3050B, METALS BY GFAA</u></b>									
Selenium	7740	NELAP	0.566	J	0.34	mg/Kg-dry	1	7/16/2010 10:49:38 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
Acenaphthene	NELAP	0.194		4.65	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Acenaphthylene	NELAP	0.194		0.753	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Anthracene	NELAP	0.194		4.23	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Benzo(a)anthracene	NELAP	0.194		2.39	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Benzo(a)pyrene	NELAP	0.194		2.24	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Benzo(b)fluoranthene	NELAP	0.194		1.55	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Benzo(g,h,i)perylene	NELAP	0.194		1.03	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Benzo(k)fluoranthene	NELAP	0.194		0.566	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Bis(2-ethylhexyl)phthalate	NELAP	3.83		ND	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Chrysene	NELAP	0.194		2.28	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Dibenzo(a,h)anthracene	NELAP	0.194		0.240	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Fluoranthene	NELAP	0.194		5.81	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Fluorene	NELAP	0.194		4.02	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Indeno(1,2,3-cd)pyrene	NELAP	0.194		0.758	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Naphthalene	NELAP	0.194		8.16	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Phenanthrene	NELAP	0.194		14.0	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Pyrene	NELAP	0.194		6.99	mg/Kg-dry	50	7/15/2010 9:08:00 PM	MAV	
Surr: 2-Fluorobiphenyl		10-131		64.8	%REC	50	7/15/2010 9:08:00 PM	MAV	
Surr: Nitrobenzene-d5		10-132		52.0	%REC	50	7/15/2010 9:08:00 PM	MAV	
Surr: p-Terphenyl-d14		30.6-131		71.4	%REC	50	7/15/2010 9:08:00 PM	MAV	
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
1,2,4-Trichlorobenzene	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH	
1,2-Dichlorobenzene	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH	
1,3-Dichlorobenzene	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH	
1,4-Dichlorobenzene	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH	

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-006  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(8)  
**Collection Date:** 7/13/2010 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	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
2,4-Dichlorophenol	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
2,4-Dimethylphenol	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
2,4-Dinitrophenol	NELAP	5.72		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
2,4-Dinitrotoluene	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
2,6-Dinitrotoluene	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
2-Chloronaphthalene	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
2-Chlorophenol	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
2-Methoxy-4-methylphenol		3.72		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
2-Methylnaphthalene	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
2-Nitroaniline	NELAP	5.72		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
2-Nitrophenol	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
3-Nitroaniline	NELAP	5.72		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	5.72		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
4-Chloroaniline	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
4-Nitroaniline	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
4-Nitrophenol	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Aniline	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Azobenzene		2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Benzidine	NELAP	6.04		see note	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Benzoic acid	NELAP	8.57		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Benzyl alcohol	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Butyl benzyl phthalate	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Carbazole		2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Dibenzofuran	NELAP	2.00	J	0.90	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Diethyl phthalate	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Dimethyl phthalate	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Di-n-butyl phthalate	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Di-n-octyl phthalate	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Hexachlorobenzene	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-006  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(8)  
**Collection Date:** 7/13/2010 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	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Hexachloroethane	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Isophorone	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
m,p-Cresol	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Nitrobenzene	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
N-Nitrosodimethylamine	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
o-Cresol	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Pentachlorophenol	NELAP	11.4		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Phenol	NELAP	2.00		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Pyridine	NELAP	2.86		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
1,2-Diphenylhydrazine		4.80		ND	mg/Kg-dry	5	7/19/2010 7:01:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		87.5	%REC	5	7/19/2010 7:01:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		86.5	%REC	5	7/19/2010 7:01:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		67.2	%REC	5	7/19/2010 7:01:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		74.6	%REC	5	7/19/2010 7:01:00 PM	DMH
Surr: Phenol-d5		34.9-110		71.8	%REC	5	7/19/2010 7:01:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		95.1	%REC	5	7/19/2010 7:01:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,1,1-Trichloroethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,1,2-Trichloroethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,1-Dichloro-2-propanone		3290		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,1-Dichloroethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,1-Dichloroethene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,1-Dichloropropene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,2,3-Trichloropropane	NELAP	657		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,2,3-Trimethylbenzene		329		1430	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	329	J	160	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,2-Dibromoethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,2-Dichlorobenzene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-006  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(8)  
**Collection Date:** 7/13/2010 2:00:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2-Dichloroethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,2-Dichloropropane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,3-Dichlorobenzene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,3-Dichloropropane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1,4-Dichlorobenzene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
1-Chlorobutane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
2,2-Dichloropropane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
2-Butanone	NELAP	3290		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
2-Chlorotoluene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
2-Hexanone	NELAP	3290		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
2-Nitropropane	NELAP	3290		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
4-Chlorotoluene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
4-Methyl-2-pentanone	NELAP	3290		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Acetone	NELAP	3290		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Acrolein	NELAP	6570		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Acrylonitrile	NELAP	657		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Allyl chloride	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Benzene	NELAP	65.7		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Bromobenzene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Bromochloromethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Bromodichloromethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Bromoform	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Bromomethane	NELAP	657		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Carbon disulfide	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Carbon tetrachloride	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Chlorobenzene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Chloroethane	NELAP	657		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Chloroform	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Chloromethane	NELAP	657		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	263		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Cyclohexanone		6570		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Dibromochloromethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Dibromomethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Dichlorodifluoromethane	NELAP	657		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Ethyl acetate	NELAP	3290		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Ethyl ether	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-006  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(8)  
**Collection Date:** 7/13/2010 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	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Ethylbenzene	NELAP	329		655	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Heptane		1310		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Hexachlorobutadiene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Hexachloroethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Iodomethane	NELAP	657		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Isopropylbenzene	NELAP	329		483	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
m,p-Xylenes	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Methacrylonitrile	NELAP	3290		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Methyl Methacrylate	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Methyl tert-butyl ether	NELAP	131		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Methylacrylate		657		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Methylene chloride	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Naphthalene	NELAP	657		3380	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
n-Butylbenzene	NELAP	329		511	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
n-Hexane		1310		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Nitrobenzene	NELAP	6570		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
n-Propylbenzene	NELAP	329		516	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
o-Xylene	NELAP	329	J	150	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Pentachloroethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
p-Isopropyltoluene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Propionitrile	NELAP	3290		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
sec-Butylbenzene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Styrene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
tert-Butylbenzene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Tetrachloroethene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Tetrahydrofuran	NELAP	3290		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Toluene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	263		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Trichloroethene	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Trichlorofluoromethane	NELAP	329		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Vinyl acetate	NELAP	3290		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Vinyl chloride	NELAP	131		ND	µg/Kg-dry	50	7/15/2010 7:18:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		95.3	%REC	50	7/15/2010 7:18:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		101.1	%REC	50	7/15/2010 7:18:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		95.5	%REC	50	7/15/2010 7:18:00 PM	RWE
Surr: Toluene-d8		86-116		99.6	%REC	50	7/15/2010 7:18:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-006  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(8)  
**Collection Date:** 7/13/2010 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	0.012	J	<b>0.008</b>	mg/Kg-dry	1	7/15/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.58		<b>&lt; 0.58</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.58		<b>&lt; 0.58</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS

### 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 results are below reporting limit - data is reportable.

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:** 10070526  
**Lab ID:** 10070526-007  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(20)  
**Collection Date:** 7/13/2010 2:15:00 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		12.9	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.1	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		5.67	mg/Kg-dry	1	7/19/2010 8:55:29 PM	LAL
Barium	NELAP	0.50		23.6	mg/Kg-dry	1	7/16/2010 4:33:51 PM	LAL
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	7/19/2010 8:55:29 PM	LAL
Chromium	NELAP	1.00		19.2	mg/Kg-dry	1	7/16/2010 4:33:51 PM	LAL
Lead	NELAP	4.00		34.5	mg/Kg-dry	1	7/20/2010 2:39:36 PM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/16/2010 4:33:51 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.556		< 0.556	mg/Kg-dry	1	7/16/2010 10:53:00 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.039		0.158	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Acenaphthylene	NELAP	0.039		0.202	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Anthracene	NELAP	0.039		0.183	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Benzo(a)anthracene	NELAP	0.039		0.149	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Benzo(a)pyrene	NELAP	0.039		0.135	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.039		0.112	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.039		0.076	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.039	J	0.037	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.760		ND	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Chrysene	NELAP	0.039		0.144	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.039		ND	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Fluoranthene	NELAP	0.039		0.321	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Fluorene	NELAP	0.039		0.178	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.039		0.057	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Naphthalene	NELAP	0.039		4.15	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Phenanthrene	NELAP	0.039		0.671	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Pyrene	NELAP	0.039		0.376	mg/Kg-dry	10	7/15/2010 9:45:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		54.7	%REC	10	7/15/2010 9:45:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		50.5	%REC	10	7/15/2010 9:45:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		67.9	%REC	10	7/15/2010 9:45:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-007  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(20)  
**Collection Date:** 7/13/2010 2:15:00 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>								
2,4,5-Trichlorophenol	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.13		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
2-Chloronaphthalene	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
2-Chlorophenol	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
2-Methoxy-4-methylphenol		0.738		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
2-Methylnaphthalene	NELAP	0.397		0.759	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
2-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
2-Nitrophenol	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
3-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.13		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
4-Chloroaniline	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
4-Nitroaniline	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
4-Nitrophenol	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Aniline	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Azobenzene		0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Benzidine	NELAP	1.20		see note	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Benzoic acid	NELAP	1.70		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Benzyl alcohol	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Carbazole		0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Dibenzofuran	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Diethyl phthalate	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Dimethyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Hexachlorobenzene	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-007  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(20)  
**Collection Date:** 7/13/2010 2:15:00 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	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Hexachloroethane	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Isophorone	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
m,p-Cresol	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Nitrobenzene	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
o-Cresol	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Pentachlorophenol	NELAP	2.27		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Phenol	NELAP	0.397		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Pyridine	NELAP	0.567		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
1,2-Diphenylhydrazine		0.953		ND	mg/Kg-dry	1	7/16/2010 7:06:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		89.6	%REC	1	7/16/2010 7:06:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		79.3	%REC	1	7/16/2010 7:06:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		76.5	%REC	1	7/16/2010 7:06:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		79.5	%REC	1	7/16/2010 7:06:00 PM	DMH
Surr: Phenol-d5		34.9-110		79.6	%REC	1	7/16/2010 7:06:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		101.7	%REC	1	7/16/2010 7:06:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,1-Dichloro-2-propanone		45600		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,1-Dichloroethane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,1-Dichloroethene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,1-Dichloropropene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,2,3-Trichloropropane	NELAP	9110		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,2,3-Trimethylbenzene		4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,2-Dibromoethane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-007  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(20)  
**Collection Date:** 7/13/2010 2:15:00 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	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,2-Dichloropropane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,3-Dichloropropane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
1-Chlorobutane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
2,2-Dichloropropane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
2-Butanone	NELAP	45600		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
2-Chlorotoluene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
2-Hexanone	NELAP	45600		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
2-Nitropropane	NELAP	45600		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
4-Chlorotoluene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
4-Methyl-2-pentanone	NELAP	45600		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Acetone	NELAP	45600		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Acrolein	NELAP	91100		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Acrylonitrile	NELAP	9110		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Allyl chloride	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Benzene	NELAP	911		33800	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Bromobenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Bromochloromethane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Bromodichloromethane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Bromoform	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Bromomethane	NELAP	9110		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Carbon disulfide	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Carbon tetrachloride	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Chlorobenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Chloroethane	NELAP	9110		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Chloroform	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Chloromethane	NELAP	9110		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3640		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Cyclohexanone		91100		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Dibromochloromethane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Dibromomethane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Dichlorodifluoromethane	NELAP	9110		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Ethyl acetate	NELAP	45600		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Ethyl ether	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE

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TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-007  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(20)  
**Collection Date:** 7/13/2010 2:15:00 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	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Ethylbenzene	NELAP	4560	J	1800	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Heptane		18200		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Hexachlorobutadiene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Hexachloroethane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Iodomethane	NELAP	9110		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Isopropylbenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
m,p-Xylenes	NELAP	4560		9900	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Methacrylonitrile	NELAP	45600		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Methyl Methacrylate	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Methyl tert-butyl ether	NELAP	1820		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Methylacrylate		9110		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Methylene chloride	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Naphthalene	NELAP	9110		12500	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
n-Butylbenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
n-Hexane		18200		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Nitrobenzene	NELAP	91100		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
n-Propylbenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
o-Xylene	NELAP	4560		4570	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Pentachloroethane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
p-Isopropyltoluene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Propionitrile	NELAP	45600		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
sec-Butylbenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Styrene	NELAP	4560		12400	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
tert-Butylbenzene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Tetrachloroethene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Tetrahydrofuran	NELAP	45600		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Toluene	NELAP	4560		59900	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3640		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Trichloroethene	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Trichlorofluoromethane	NELAP	4560		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Vinyl acetate	NELAP	45600		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Vinyl chloride	NELAP	1820		ND	µg/Kg-dry	500	7/15/2010 2:29:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		96.2	%REC	500	7/15/2010 2:29:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		100.8	%REC	500	7/15/2010 2:29:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		98.5	%REC	500	7/15/2010 2:29:00 PM	RWE
Surr: Toluene-d8		86-116		98.3	%REC	500	7/15/2010 2:29:00 PM	RWE

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-007  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-C5-W(20)  
**Collection Date:** 7/13/2010 2:15:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.003</b>	mg/Kg-dry	1	7/15/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.55		<b>1.24</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.56		<b>Interference</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS

### 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 results are below reporting limit - data is reportable.

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

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

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

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

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10070526

**Client Sample ID:** P5-B5-W(20)

**Lab ID:** 10070526-008

**Collection Date:** 7/13/2010 2:30:00 PM

**Report Date:** 29-Jul-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		14.4	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		85.6	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		3.45	mg/Kg-dry	1	7/19/2010 9:02:16 PM	LAL
Barium	NELAP	0.49		23.5	mg/Kg-dry	1	7/16/2010 4:40:38 PM	LAL
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	7/19/2010 9:02:16 PM	LAL
Chromium	NELAP	0.98		17.6	mg/Kg-dry	1	7/16/2010 4:40:38 PM	LAL
Lead	NELAP	3.92		10.1	mg/Kg-dry	1	7/20/2010 2:42:26 PM	JMW
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	7/16/2010 4:40:38 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	7/16/2010 10:56:26 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.098		1.45	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Acenaphthylene	NELAP	0.098		0.769	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Anthracene	NELAP	0.098		1.62	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Benzo(a)anthracene	NELAP	0.098		1.19	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Benzo(a)pyrene	NELAP	0.098		1.14	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.098		0.840	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.098		0.626	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.098		0.298	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	1.94		ND	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Chrysene	NELAP	0.098		1.17	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.098		0.149	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Fluoranthene	NELAP	0.098		2.59	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Fluorene	NELAP	0.098		1.78	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.098		0.462	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Naphthalene	NELAP	0.098		5.55	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Phenanthrene	NELAP	0.098		5.21	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Pyrene	NELAP	0.098		3.24	mg/Kg-dry	25	7/15/2010 10:21:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		67.8	%REC	25	7/15/2010 10:21:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		56.4	%REC	25	7/15/2010 10:21:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		76.9	%REC	25	7/15/2010 10:21:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH



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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-008  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(20)  
**Collection Date:** 7/13/2010 2:30:00 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	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.16		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
2-Chloronaphthalene	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
2-Chlorophenol	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
2-Methoxy-4-methylphenol		0.752		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
2-Methylnaphthalene	NELAP	0.405		1.10	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
2-Nitroaniline	NELAP	1.16		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
2-Nitrophenol	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
3-Nitroaniline	NELAP	1.16		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.16		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
4-Chloroaniline	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
4-Nitroaniline	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
4-Nitrophenol	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Aniline	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Azobenzene		0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Benzidine	NELAP	1.22		see note	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Benzoic acid	NELAP	1.74		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Benzyl alcohol	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Carbazole		0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Dibenzofuran	NELAP	0.405	J	0.34	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Diethyl phthalate	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Dimethyl phthalate	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Hexachlorobenzene	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
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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	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Hexachloroethane	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Isophorone	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
m,p-Cresol	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Nitrobenzene	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.579	J	0.17	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
o-Cresol	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Pentachlorophenol	NELAP	2.31		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Phenol	NELAP	0.405		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Pyridine	NELAP	0.579		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
1,2-Diphenylhydrazine		0.972		ND	mg/Kg-dry	1	7/19/2010 6:29:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		108.8	%REC	1	7/19/2010 6:29:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		86.0	%REC	1	7/19/2010 6:29:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		74.3	%REC	1	7/19/2010 6:29:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		80.0	%REC	1	7/19/2010 6:29:00 PM	DMH
Surr: Phenol-d5		34.9-110		79.1	%REC	1	7/19/2010 6:29:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		94.8	%REC	1	7/19/2010 6:29:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,1,1-Trichloroethane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,1,2-Trichloroethane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,1-Dichloro-2-propanone		1750		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,1-Dichloroethane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,1-Dichloroethene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,1-Dichloropropene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,2,3-Trichloropropane	NELAP	349		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,2,3-Trimethylbenzene		175		635	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	175		279	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,2-Dibromoethane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,2-Dichlorobenzene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE

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**Collection Date:** 7/13/2010 2:30:00 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	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,2-Dichloropropane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,3-Dichlorobenzene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,3-Dichloropropane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1,4-Dichlorobenzene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
1-Chlorobutane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
2,2-Dichloropropane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
2-Butanone	NELAP	1750	J	360	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
2-Chlorotoluene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
2-Hexanone	NELAP	1750		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
2-Nitropropane	NELAP	1750		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
4-Chlorotoluene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1750		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Acetone	NELAP	1750		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Acrolein	NELAP	3490		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Acrylonitrile	NELAP	349		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Allyl chloride	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Benzene	NELAP	34.9		217	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Bromobenzene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Bromochloromethane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Bromodichloromethane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Bromoform	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Bromomethane	NELAP	349		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Carbon disulfide	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Carbon tetrachloride	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Chlorobenzene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Chloroethane	NELAP	349		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Chloroform	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Chloromethane	NELAP	349		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	140		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Cyclohexanone		3490		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Dibromochloromethane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Dibromomethane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Dichlorodifluoromethane	NELAP	349		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Ethyl acetate	NELAP	1750		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Ethyl ether	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-008  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(20)  
**Collection Date:** 7/13/2010 2:30:00 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	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Ethylbenzene	NELAP	175		532	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Heptane		699		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Hexachlorobutadiene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Hexachloroethane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Iodomethane	NELAP	349		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Isopropylbenzene	NELAP	175	J	78	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
m,p-Xylenes	NELAP	175		608	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Methacrylonitrile	NELAP	1750		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Methyl Methacrylate	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Methyl tert-butyl ether	NELAP	69.9		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Methylacrylate		349		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Methylene chloride	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Naphthalene	NELAP	6990		33200	µg/Kg-dry	250	7/16/2010 3:48:00 PM	RWE
n-Butylbenzene	NELAP	175	J	120	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
n-Hexane		699		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Nitrobenzene	NELAP	3490		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
n-Propylbenzene	NELAP	175	J	110	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
o-Xylene	NELAP	175		544	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Pentachloroethane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
p-Isopropyltoluene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Propionitrile	NELAP	1750		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
sec-Butylbenzene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Styrene	NELAP	175		249	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
tert-Butylbenzene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Tetrachloroethene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Tetrahydrofuran	NELAP	1750		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Toluene	NELAP	175		357	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	140		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Trichloroethene	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Trichlorofluoromethane	NELAP	175		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Vinyl acetate	NELAP	1750		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Vinyl chloride	NELAP	69.9		ND	µg/Kg-dry	12.5	7/15/2010 2:58:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		92.9	%REC	12.5	7/15/2010 2:58:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.3	%REC	12.5	7/15/2010 2:58:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		89.4	%REC	12.5	7/15/2010 2:58:00 PM	RWE
Surr: Toluene-d8		86-116		101.5	%REC	12.5	7/15/2010 2:58:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-008  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B5-W(20)  
**Collection Date:** 7/13/2010 2:30:00 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>0.005</b>	mg/Kg-dry	1	7/15/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.55		<b>&lt; 0.55</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.55		<b>&lt; 0.55</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS

### 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 results are below reporting limit - data is reportable.

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

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

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

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-009  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(3)  
**Collection Date:** 7/14/2010 8:20:00 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		20.3	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		79.7	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		6.88	mg/Kg-dry	1	7/19/2010 9:09:01 PM	LAL
Barium	NELAP	0.50		132	mg/Kg-dry	1	7/16/2010 4:47:20 PM	LAL
Cadmium	NELAP	0.20		0.39	mg/Kg-dry	1	7/19/2010 9:09:01 PM	LAL
Chromium	NELAP	1.00		23.2	mg/Kg-dry	1	7/16/2010 4:47:20 PM	LAL
Lead	NELAP	4.00		16.2	mg/Kg-dry	1	7/20/2010 2:45:15 PM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/16/2010 4:47:20 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.566	< 0.566	mg/Kg-dry	1	7/16/2010 10:59:50 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.414		40.8	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Acenaphthylene	NELAP	0.414		2.76	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Anthracene	NELAP	0.414		16.7	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Benzo(a)anthracene	NELAP	0.414		8.25	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Benzo(a)pyrene	NELAP	0.414		6.96	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.414		5.41	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.414		2.99	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.414		1.75	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	8.17		ND	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Chrysene	NELAP	0.414		8.15	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.414		0.792	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Fluoranthene	NELAP	0.414		21.5	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Fluorene	NELAP	0.414		21.6	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.414		2.39	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Naphthalene	NELAP	0.414		58.2	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Phenanthrene	NELAP	0.414		55.1	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Pyrene	NELAP	0.414		25.0	mg/Kg-dry	100	7/15/2010 10:58:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		72.0	%REC	100	7/15/2010 10:58:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		59.6	%REC	100	7/15/2010 10:58:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		78.8	%REC	100	7/15/2010 10:58:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
1,2-Dichlorobenzene	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
1,3-Dichlorobenzene	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
1,4-Dichlorobenzene	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-009  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(3)  
**Collection Date:** 7/14/2010 8:20:00 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	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
2,4-Dichlorophenol	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
2,4-Dimethylphenol	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
2,4-Dinitrophenol	NELAP	6.09		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
2,4-Dinitrotoluene	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
2,6-Dinitrotoluene	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
2-Chloronaphthalene	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
2-Chlorophenol	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
2-Methoxy-4-methylphenol		3.96		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
2-Methylnaphthalene	NELAP	10.7		44.3	mg/Kg-dry	25	7/20/2010 10:09:00 AM	DMH
2-Nitroaniline	NELAP	6.09		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
2-Nitrophenol	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
3-Nitroaniline	NELAP	6.09		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	6.09		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
4-Chloroaniline	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
4-Nitroaniline	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
4-Nitrophenol	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Aniline	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Azobenzene		2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Benzidine	NELAP	6.43		see note	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Benzoic acid	NELAP	9.14		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Benzyl alcohol	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Butyl benzyl phthalate	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Carbazole		3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Dibenzofuran	NELAP	2.13		3.99	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Diethyl phthalate	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Dimethyl phthalate	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Di-n-butyl phthalate	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Di-n-octyl phthalate	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Hexachlorobenzene	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-009  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(3)  
**Collection Date:** 7/14/2010 8:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Hexachloroethane	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Isophorone	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
m,p-Cresol	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Nitrobenzene	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
N-Nitrosodimethylamine	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
o-Cresol	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Pentachlorophenol	NELAP	12.2		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Phenol	NELAP	2.13		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Pyridine	NELAP	3.05		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
1,2-Diphenylhydrazine		5.12		ND	mg/Kg-dry	5	7/19/2010 5:57:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		101.7	%REC	5	7/19/2010 5:57:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		103.5	%REC	5	7/19/2010 5:57:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		87.0	%REC	5	7/19/2010 5:57:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		92.2	%REC	5	7/19/2010 5:57:00 PM	DMH
Surr: Phenol-d5		34.9-110		89.4	%REC	5	7/19/2010 5:57:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		95.1	%REC	5	7/19/2010 5:57:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,1-Dichloro-2-propanone		52600		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,1-Dichloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,1-Dichloroethene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,1-Dichloropropene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,2,3-Trimethylbenzene		5260	J	4000	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5260	J	2400	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,2-Dibromoethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-009  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(3)  
**Collection Date:** 7/14/2010 8:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2-Dichloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,2-Dichloropropane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,3-Dichloropropane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
1-Chlorobutane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
2,2-Dichloropropane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
2-Butanone	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
2-Chlorotoluene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
2-Hexanone	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
2-Nitropropane	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
4-Chlorotoluene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
4-Methyl-2-pentanone	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Acetone	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Acrolein	NELAP	105000		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Acrylonitrile	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Allyl chloride	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Benzene	NELAP	1050		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Bromobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Bromochloromethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Bromodichloromethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Bromoform	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Bromomethane	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Carbon disulfide	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Carbon tetrachloride	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Chlorobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Chloroethane	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Chloroform	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Chloromethane	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4210		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Cyclohexanone		105000		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Dibromochloromethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Dibromomethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Dichlorodifluoromethane	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Ethyl acetate	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Ethyl ether	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-009  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(3)  
**Collection Date:** 7/14/2010 8:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Ethylbenzene	NELAP	5260		6210	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Heptane		21100		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Hexachlorobutadiene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Hexachloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Iodomethane	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Isopropylbenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
m,p-Xylenes	NELAP	5260	J	2400	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Methacrylonitrile	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Methyl Methacrylate	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Methyl tert-butyl ether	NELAP	2110		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Methylacrylate		10500		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Methylene chloride	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Naphthalene	NELAP	10500		98200	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
n-Butylbenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
n-Hexane		21100		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Nitrobenzene	NELAP	105000		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
n-Propylbenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
o-Xylene	NELAP	5260	J	4200	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Pentachloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
p-Isopropyltoluene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Propionitrile	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
sec-Butylbenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Styrene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
tert-Butylbenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Tetrachloroethene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Tetrahydrofuran	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Toluene	NELAP	5260	J	1400	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4210		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Trichloroethene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Trichlorofluoromethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Vinyl acetate	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Vinyl chloride	NELAP	2110		ND	µg/Kg-dry	500	7/15/2010 3:26:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		96.2	%REC	500	7/15/2010 3:26:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		104.4	%REC	500	7/15/2010 3:26:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		98.3	%REC	500	7/15/2010 3:26:00 PM	RWE
Surr: Toluene-d8		86-116		100.6	%REC	500	7/15/2010 3:26:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-009  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(3)  
**Collection Date:** 7/14/2010 8:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012		<b>0.028</b>	mg/Kg-dry	1	7/15/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.59		<b>&lt; 0.59</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.60		<b>Interference</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS

### 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 results are below reporting limit - data is reportable.

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

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

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

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

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10070526

**Client Sample ID:** P5-A4-W(8)

**Lab ID:** 10070526-010

**Collection Date:** 7/14/2010 8:30:00 AM

**Report Date:** 29-Jul-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		15.6	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		84.4	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		4.35	mg/Kg-dry	1	7/19/2010 9:15:48 PM	LAL
Barium	NELAP	0.50		42.3	mg/Kg-dry	1	7/16/2010 4:54:07 PM	LAL
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	7/19/2010 9:15:48 PM	LAL
Chromium	NELAP	1.00		18.2	mg/Kg-dry	1	7/16/2010 4:54:07 PM	LAL
Lead	NELAP	4.00		10.9	mg/Kg-dry	1	7/20/2010 2:48:06 PM	JMW
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/16/2010 4:54:07 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.536	< 0.536	mg/Kg-dry	1	7/16/2010 11:03:14 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.020		0.614	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Acenaphthylene	NELAP	0.020		0.433	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Anthracene	NELAP	0.020		0.443	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Benzo(a)anthracene	NELAP	0.020		0.365	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Benzo(a)pyrene	NELAP	0.020		0.419	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.020		0.290	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.020		0.206	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.020		0.101	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.395		ND	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Chrysene	NELAP	0.020		0.353	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.020		0.048	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Fluoranthene	NELAP	0.020		0.567	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Fluorene	NELAP	0.020		0.504	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.020		0.149	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Naphthalene	NELAP	0.020		8.47	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Phenanthrene	NELAP	0.020		1.57	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Pyrene	NELAP	0.020		0.666	mg/Kg-dry	5	7/15/2010 11:35:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		63.6	%REC	5	7/15/2010 11:35:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		58.1	%REC	5	7/15/2010 11:35:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		76.6	%REC	5	7/15/2010 11:35:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-010  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(8)  
**Collection Date:** 7/14/2010 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.590	S	ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.18		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.413	S	ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
2-Chloronaphthalene	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
2-Chlorophenol	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
2-Methoxy-4-methylphenol		0.767		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
2-Methylnaphthalene	NELAP	0.413		0.529	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
2-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
2-Nitrophenol	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
3-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.18		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
4-Chloroaniline	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
4-Nitroaniline	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
4-Nitrophenol	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Aniline	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Azobenzene		0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Benzidine	NELAP	1.25		see note	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Benzoic acid	NELAP	1.77		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Benzyl alcohol	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Carbazole		0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Dibenzofuran	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Diethyl phthalate	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Dimethyl phthalate	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Hexachlorobenzene	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-010  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(8)  
**Collection Date:** 7/14/2010 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Hexachloroethane	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Isophorone	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
m,p-Cresol	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Nitrobenzene	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
o-Cresol	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Pentachlorophenol	NELAP	2.36	S	ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Phenol	NELAP	0.413		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Pyridine	NELAP	0.590		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
1,2-Diphenylhydrazine		0.991		ND	mg/Kg-dry	1	7/16/2010 2:50:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		101.8	%REC	1	7/16/2010 2:50:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		79.2	%REC	1	7/16/2010 2:50:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		77.4	%REC	1	7/16/2010 2:50:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		80.4	%REC	1	7/16/2010 2:50:00 PM	DMH
Surr: Phenol-d5		34.9-110		81.2	%REC	1	7/16/2010 2:50:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		100.2	%REC	1	7/16/2010 2:50:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,1,1-Trichloroethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,1,2-Trichloroethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,1-Dichloro-2-propanone		47300		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,1-Dichloroethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,1-Dichloroethene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,1-Dichloropropene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,2,3-Trichloropropane	NELAP	9450		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,2,3-Trimethylbenzene		4730	J	1300	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,2-Dibromoethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,2-Dichlorobenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-010  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(8)  
**Collection Date:** 7/14/2010 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2-Dichloroethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,2-Dichloropropane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,3-Dichlorobenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,3-Dichloropropane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1,4-Dichlorobenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
1-Chlorobutane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
2,2-Dichloropropane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
2-Butanone	NELAP	47300		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
2-Chlorotoluene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
2-Hexanone	NELAP	47300		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
2-Nitropropane	NELAP	47300		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
4-Chlorotoluene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
4-Methyl-2-pentanone	NELAP	47300		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Acetone	NELAP	47300		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Acrolein	NELAP	94500		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Acrylonitrile	NELAP	9450		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Allyl chloride	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Benzene	NELAP	945		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Bromobenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Bromochloromethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Bromodichloromethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Bromoform	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Bromomethane	NELAP	9450		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Carbon disulfide	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Carbon tetrachloride	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Chlorobenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Chloroethane	NELAP	9450		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Chloroform	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Chloromethane	NELAP	9450		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	3780		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Cyclohexanone		94500		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Dibromochloromethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Dibromomethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Dichlorodifluoromethane	NELAP	9450		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Ethyl acetate	NELAP	47300		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Ethyl ether	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-010  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(8)  
**Collection Date:** 7/14/2010 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Ethyl methacrylate	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Ethylbenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Heptane		18900		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Hexachlorobutadiene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Hexachloroethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Iodomethane	NELAP	9450		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Isopropylbenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
m,p-Xylenes	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Methacrylonitrile	NELAP	47300		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Methyl Methacrylate	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Methyl tert-butyl ether	NELAP	1890		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Methylacrylate		9450		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Methylene chloride	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Naphthalene	NELAP	9450		72400	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
n-Butylbenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
n-Hexane		18900		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Nitrobenzene	NELAP	94500		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
n-Propylbenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
o-Xylene	NELAP	4730	J	1800	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Pentachloroethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
p-Isopropyltoluene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Propionitrile	NELAP	47300		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
sec-Butylbenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Styrene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
tert-Butylbenzene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Tetrachloroethene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Tetrahydrofuran	NELAP	47300		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Toluene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3780		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Trichloroethene	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Trichlorofluoromethane	NELAP	4730		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Vinyl acetate	NELAP	47300		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Vinyl chloride	NELAP	1890		ND	µg/Kg-dry	500	7/15/2010 3:55:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		96.5	%REC	500	7/15/2010 3:55:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		102.9	%REC	500	7/15/2010 3:55:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.7	%REC	500	7/15/2010 3:55:00 PM	RWE
Surr: Toluene-d8		86-116		98.2	%REC	500	7/15/2010 3:55:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-010  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(8)  
**Collection Date:** 7/14/2010 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.005</b>	mg/Kg-dry	1	7/15/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.58	J	<b>0.47</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.58		<b>&lt; 0.58</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS

### 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 and MS/MSD were outside upper QC limits. Sample results are below reporting limit - data is reportable.

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

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

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

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

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:** 10070526

**Client Sample ID:** P5-A3-W(3)

**Lab ID:** 10070526-011

**Collection Date:** 7/14/2010 8:50:00 AM

**Report Date:** 29-Jul-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		27.2	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		72.8	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.23	J	1.6	mg/Kg-dry	1	7/19/2010 9:22:34 PM	LAL
Barium	NELAP	0.45		197	mg/Kg-dry	1	7/16/2010 5:13:36 PM	LAL
Cadmium	NELAP	0.18		0.27	mg/Kg-dry	1	7/19/2010 9:22:34 PM	LAL
Chromium	NELAP	0.89		23.6	mg/Kg-dry	1	7/16/2010 5:13:36 PM	LAL
Lead	NELAP	3.57		16.6	mg/Kg-dry	1	7/20/2010 2:50:57 PM	JMW
Silver	NELAP	0.49		< 0.49	mg/Kg-dry	1	7/16/2010 5:13:36 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.577	0.658	mg/Kg-dry	1	7/16/2010 11:13:32 AM	MEK
<b><u>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</u></b>								
4,4'-DDD	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
4,4'-DDE	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
4,4'-DDT	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Alachlor	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Aldrin	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
alpha-BHC	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
alpha-Chlordane	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
beta-BHC	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Chlordane	NELAP	114		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
delta-BHC	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Dieldrin	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Endosulfan I	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Endosulfan II	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Endosulfan sulfate	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Endrin	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Endrin aldehyde	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Endrin ketone	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
gamma-BHC	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
gamma-Chlordane	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Heptachlor	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Heptachlor epoxide	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Methoxychlor	NELAP	56.9		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Toxaphene	NELAP	1020		ND	µg/Kg-dry	25	7/16/2010 4:40:00 PM	HE
Surr: Decachlorobiphenyl		48-149		126.1	%REC	25	7/16/2010 4:40:00 PM	HE
Surr: Tetrachloro-m-xylene		19-145		104.9	%REC	25	7/16/2010 4:40:00 PM	HE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-011  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(3)  
**Collection Date:** 7/14/2010 8:50:00 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	51.1		ND	µg/Kg-dry	1	7/16/2010 5:40:00 PM	HE
Aroclor 1221	NELAP	51.1		ND	µg/Kg-dry	1	7/16/2010 5:40:00 PM	HE
Aroclor 1232	NELAP	51.1		ND	µg/Kg-dry	1	7/16/2010 5:40:00 PM	HE
Aroclor 1242	NELAP	51.1		ND	µg/Kg-dry	1	7/16/2010 5:40:00 PM	HE
Aroclor 1248	NELAP	51.1		ND	µg/Kg-dry	1	7/16/2010 5:40:00 PM	HE
Aroclor 1254	NELAP	51.1		ND	µg/Kg-dry	1	7/16/2010 5:40:00 PM	HE
Aroclor 1260	NELAP	51.1		ND	µg/Kg-dry	1	7/16/2010 5:40:00 PM	HE
Surr: Decachlorobiphenyl		5-156		98.5	%REC	1	7/16/2010 5:40:00 PM	HE
Surr: Tetrachloro-meta-xylene		7.35-123		70.2	%REC	1	7/16/2010 5:40:00 PM	HE
<b><u>SW-846 3550B, 8151A, CHLORINATED HERBICIDES BY GC/ECD</u></b>								
2,4,5-T		1930		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
2,4,5-TP (Silvex)		1930		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
2,4-D		1930		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
2,4-DB		1930		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
3,5-Dichlorobenzoic Acid		1930		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
4-Nitrophenol		1930		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
Bentazon		1930		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
Chloramben		1930		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
Dalapon		19300		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
DCPA		1930		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
Dicamba		1930		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
Dichlorprop		1930		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
MCPA		193000		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
MCPP		193000		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
Pentachlorophenol		1930		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
Picloram		1930		ND	µg/Kg-dry	50	7/27/2010 2:26:00 AM	HE
Surr: 2,4-Dichlorophenylacetic acid		18.1-118	S	245.9	%REC	50	7/27/2010 2:26:00 AM	HE
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.456		106	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Acenaphthylene	NELAP	0.456		6.42	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Anthracene	NELAP	0.456		38.5	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Benzo(a)anthracene	NELAP	0.456		19.0	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Benzo(a)pyrene	NELAP	0.456		15.3	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.456		12.3	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.456		6.57	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.456		4.09	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	8.98		ND	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Chrysene	NELAP	0.456		18.3	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-011  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(3)  
**Collection Date:** 7/14/2010 8:50:00 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>								
Dibenzo(a,h)anthracene	NELAP	0.456		<b>1.82</b>	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Fluoranthene	NELAP	0.456		<b>38.4</b>	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Fluorene	NELAP	0.456		<b>52.8</b>	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.456		<b>5.38</b>	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Naphthalene	NELAP	1.14		<b>287</b>	mg/Kg-dry	250	7/17/2010 8:01:00 AM	MAV
Phenanthrene	NELAP	0.456		<b>131</b>	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Pyrene	NELAP	0.456		<b>58.3</b>	mg/Kg-dry	100	7/16/2010 12:11:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		<b>79.2</b>	%REC	100	7/16/2010 12:11:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		<b>84.0</b>	%REC	100	7/16/2010 12:11:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		<b>79.6</b>	%REC	100	7/16/2010 12:11:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	6.70		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
1,2-Dichlorobenzene	NELAP	6.70		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
1,3-Dichlorobenzene	NELAP	6.70		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
1,4-Dichlorobenzene	NELAP	6.70		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	4.69		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	4.69		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
2,4-Dichlorophenol	NELAP	6.70		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
2,4-Dimethylphenol	NELAP	6.70		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
2,4-Dinitrophenol	NELAP	13.4		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
2,4-Dinitrotoluene	NELAP	4.69		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
2,6-Dinitrotoluene	NELAP	4.69		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
2-Chloronaphthalene	NELAP	4.69		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
2-Chlorophenol	NELAP	6.70		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
2-Methoxy-4-methylphenol		8.72		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
2-Methylnaphthalene	NELAP	46.9		<b>197</b>	mg/Kg-dry	100	7/19/2010 7:33:00 PM	DMH
2-Nitroaniline	NELAP	13.4		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
2-Nitrophenol	NELAP	4.69		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	4.69		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
3-Nitroaniline	NELAP	13.4		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	13.4		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	4.69		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	6.70		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
4-Chloroaniline	NELAP	6.70		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.69		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
4-Nitroaniline	NELAP	6.70		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
4-Nitrophenol	NELAP	4.69		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Aniline	NELAP	6.70		<b>ND</b>	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-011  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(3)  
**Collection Date:** 7/14/2010 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Azobenzene		4.69		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Benzidine	NELAP	14.2		see note	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Benzoic acid	NELAP	20.1		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Benzyl alcohol	NELAP	6.70		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.69		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	6.70		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.69		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Butyl benzyl phthalate	NELAP	4.69		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Carbazole		6.70		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Dibenzofuran	NELAP	4.69		9.76	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Diethyl phthalate	NELAP	6.70		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Dimethyl phthalate	NELAP	4.69		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Di-n-butyl phthalate	NELAP	4.69		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Di-n-octyl phthalate	NELAP	4.69		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Hexachlorobenzene	NELAP	4.69		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Hexachlorobutadiene	NELAP	6.70		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	4.69		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Hexachloroethane	NELAP	6.70		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Isophorone	NELAP	4.69		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
m,p-Cresol	NELAP	6.70		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Nitrobenzene	NELAP	6.70		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
N-Nitrosodimethylamine	NELAP	6.70		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	6.70		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	6.70		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
o-Cresol	NELAP	6.70		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Pentachlorophenol	NELAP	26.8		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Phenol	NELAP	4.69		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Pyridine	NELAP	6.70		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
1,2-Diphenylhydrazine		11.3		ND	mg/Kg-dry	10	7/16/2010 4:26:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		95.4	%REC	10	7/16/2010 4:26:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		103.4	%REC	10	7/16/2010 4:26:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		84.2	%REC	10	7/16/2010 4:26:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		93.5	%REC	10	7/16/2010 4:26:00 PM	DMH
Surr: Phenol-d5		34.9-110		83.5	%REC	10	7/16/2010 4:26:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		103.0	%REC	10	7/16/2010 4:26:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,1,1-Trichloroethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-011  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(3)  
**Collection Date:** 7/14/2010 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,2,2-Tetrachloroethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,1,2-Trichloroethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,1-Dichloro-2-propanone		63100		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,1-Dichloroethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,1-Dichloroethene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,1-Dichloropropene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,2,3-Trichloropropane	NELAP	12600		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,2,3-Trimethylbenzene		6310		15200	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	6310		8850	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,2-Dibromoethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,2-Dichlorobenzene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,2-Dichloroethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,2-Dichloropropane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	6310	J	6300	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,3-Dichlorobenzene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,3-Dichloropropane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1,4-Dichlorobenzene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
1-Chlorobutane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
2,2-Dichloropropane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
2-Butanone	NELAP	63100		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
2-Chlorotoluene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
2-Hexanone	NELAP	63100		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
2-Nitropropane	NELAP	63100		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
4-Chlorotoluene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
4-Methyl-2-pentanone	NELAP	63100		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Acetone	NELAP	63100		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Acrolein	NELAP	126000		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Acrylonitrile	NELAP	12600		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Allyl chloride	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Benzene	NELAP	1260		5730	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Bromobenzene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Bromochloromethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Bromodichloromethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Bromoform	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-011  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(3)  
**Collection Date:** 7/14/2010 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Bromomethane	NELAP	12600		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Carbon disulfide	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Carbon tetrachloride	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Chlorobenzene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Chloroethane	NELAP	12600		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Chloroform	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Chloromethane	NELAP	12600		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	5050		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Cyclohexanone		126000		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Dibromochloromethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Dibromomethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Dichlorodifluoromethane	NELAP	12600		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Ethyl acetate	NELAP	63100		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Ethyl ether	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Ethyl methacrylate	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Ethylbenzene	NELAP	6310		62100	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Heptane		25200		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Hexachlorobutadiene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Hexachloroethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Iodomethane	NELAP	12600		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Isopropylbenzene	NELAP	6310		6410	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
m,p-Xylenes	NELAP	6310		14900	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Methacrylonitrile	NELAP	63100		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Methyl Methacrylate	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Methyl tert-butyl ether	NELAP	2520		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Methylacrylate		12600		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Methylene chloride	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Naphthalene	NELAP	63100		652000	µg/Kg-dry	2500	7/16/2010 1:54:00 PM	RWE
n-Butylbenzene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
n-Hexane		25200		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Nitrobenzene	NELAP	126000		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
n-Propylbenzene	NELAP	6310	J	2600	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
o-Xylene	NELAP	6310		23200	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Pentachloroethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
p-Isopropyltoluene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Propionitrile	NELAP	63100		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
sec-Butylbenzene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-011  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(3)  
**Collection Date:** 7/14/2010 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Styrene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
tert-Butylbenzene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Tetrachloroethene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Tetrahydrofuran	NELAP	63100		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Toluene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	5050		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Trichloroethene	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Trichlorofluoromethane	NELAP	6310		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Vinyl acetate	NELAP	63100		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Vinyl chloride	NELAP	2520		ND	µg/Kg-dry	500	7/15/2010 4:24:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		95.5	%REC	500	7/15/2010 4:24:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		101.7	%REC	500	7/15/2010 4:24:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.8	%REC	500	7/15/2010 4:24:00 PM	RWE
Surr: Toluene-d8		86-116		97.8	%REC	500	7/15/2010 4:24:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.013		0.029	mg/Kg-dry	1	7/15/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.66		0.83	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.67	J	0.44	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS

### Sample Narrative

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

Elevated reporting limit due to sample composition.

SW-846 3550B, 8151A, Chlorinated Herbicides by GC/ECD

Surrogate recovery was outside QC limits due to matrix interference.

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

DCPA outside upper QC limits, Marginal Exceedance, LCS is verified per NELAC Appendix D 1.1.2

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 results are below reporting limit - data is reportable.

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:** 10070526  
**Lab ID:** 10070526-012  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(8)  
**Collection Date:** 7/14/2010 9:00:00 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		13.3	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		86.7	%	1	7/14/2010 4:30:00 PM	KNS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		7.55	mg/Kg-dry	1	7/19/2010 9:29:21 PM	LAL
Barium	NELAP	0.49		29.6	mg/Kg-dry	1	7/16/2010 5:20:23 PM	LAL
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	7/19/2010 9:29:21 PM	LAL
Chromium	NELAP	0.98		8.56	mg/Kg-dry	1	7/16/2010 5:20:23 PM	LAL
Lead	NELAP	3.92		12.2	mg/Kg-dry	1	7/20/2010 2:53:48 PM	JMW
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	7/16/2010 5:20:23 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.556		< 0.556	mg/Kg-dry	1	7/16/2010 11:16:58 AM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.096		2.42	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Acenaphthylene	NELAP	0.096		0.283	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Anthracene	NELAP	0.096		0.896	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Benzo(a)anthracene	NELAP	0.096		0.505	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Benzo(a)pyrene	NELAP	0.096		0.399	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.096		0.316	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.096		0.189	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.096		0.100	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	1.88		ND	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Chrysene	NELAP	0.096		0.470	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.096		ND	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Fluoranthene	NELAP	0.096		1.25	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Fluorene	NELAP	0.096		1.25	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.096		0.153	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Naphthalene	NELAP	0.096		8.59	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Phenanthrene	NELAP	0.096		3.07	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Pyrene	NELAP	0.096		1.39	mg/Kg-dry	25	7/16/2010 12:48:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		62.4	%REC	25	7/16/2010 12:48:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		54.8	%REC	25	7/16/2010 12:48:00 AM	MAV
Surr: p-Terphenyl-d14		30.6-131		73.4	%REC	25	7/16/2010 12:48:00 AM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-012  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(8)  
**Collection Date:** 7/14/2010 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	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
2-Chloronaphthalene	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
2-Chlorophenol	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
2-Methoxy-4-methylphenol		0.730		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
2-Methylnaphthalene	NELAP	0.393		2.61	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
2-Nitrophenol	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
4-Chloroaniline	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
4-Nitroaniline	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
4-Nitrophenol	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Aniline	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Azobenzene		0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Benzidine	NELAP	1.19		see note	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Benzoic acid	NELAP	1.69		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Benzyl alcohol	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Carbazole		0.562	J	0.16	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Dibenzofuran	NELAP	0.393	J	0.29	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Diethyl phthalate	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Dimethyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Hexachlorobenzene	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-012  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(8)  
**Collection Date:** 7/14/2010 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	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Hexachloroethane	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Isophorone	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
m,p-Cresol	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Nitrobenzene	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
o-Cresol	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Pentachlorophenol	NELAP	2.25		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Phenol	NELAP	0.393		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Pyridine	NELAP	0.562		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
1,2-Diphenylhydrazine		0.944		ND	mg/Kg-dry	1	7/19/2010 5:25:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		98.6	%REC	1	7/19/2010 5:25:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		81.0	%REC	1	7/19/2010 5:25:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		69.0	%REC	1	7/19/2010 5:25:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		74.6	%REC	1	7/19/2010 5:25:00 PM	DMH
Surr: Phenol-d5		34.9-110		71.7	%REC	1	7/19/2010 5:25:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		90.7	%REC	1	7/19/2010 5:25:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,1-Dichloro-2-propanone		52600		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,1-Dichloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,1-Dichloroethene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,1-Dichloropropene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,2,3-Trimethylbenzene		5260	J	3500	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5260	J	2000	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,2-Dibromoethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-012  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(8)  
**Collection Date:** 7/14/2010 9:00:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2-Dichloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,2-Dichloropropane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5260	J	1200	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,3-Dichloropropane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
1-Chlorobutane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
2,2-Dichloropropane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
2-Butanone	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
2-Chlorotoluene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
2-Hexanone	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
2-Nitropropane	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
4-Chlorotoluene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
4-Methyl-2-pentanone	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Acetone	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Acrolein	NELAP	105000		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Acrylonitrile	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Allyl chloride	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Benzene	NELAP	1050		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Bromobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Bromochloromethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Bromodichloromethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Bromoform	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Bromomethane	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Carbon disulfide	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Carbon tetrachloride	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Chlorobenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Chloroethane	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Chloroform	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Chloromethane	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	4210		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Cyclohexanone		105000		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Dibromochloromethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Dibromomethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Dichlorodifluoromethane	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Ethyl acetate	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Ethyl ether	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 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:** 10070526

**Client Sample ID:** P5-A3-W(8)

**Lab ID:** 10070526-012

**Collection Date:** 7/14/2010 9:00:00 AM

**Report Date:** 29-Jul-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	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Ethylbenzene	NELAP	5260		8150	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Heptane		21000		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Hexachlorobutadiene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Hexachloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Iodomethane	NELAP	10500		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Isopropylbenzene	NELAP	5260	J	1200	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
m,p-Xylenes	NELAP	5260	J	1900	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Methacrylonitrile	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Methyl Methacrylate	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Methyl tert-butyl ether	NELAP	2100		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Methylacrylate		10500		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Methylene chloride	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Naphthalene	NELAP	10500		148000	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
n-Butylbenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
n-Hexane		21000		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Nitrobenzene	NELAP	105000		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
n-Propylbenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
o-Xylene	NELAP	5260	J	3400	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Pentachloroethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
p-Isopropyltoluene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Propionitrile	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
sec-Butylbenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Styrene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
tert-Butylbenzene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Tetrachloroethene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Tetrahydrofuran	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Toluene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	4210	J	2800	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Trichloroethene	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Trichlorofluoromethane	NELAP	5260		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Vinyl acetate	NELAP	52600		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Vinyl chloride	NELAP	2100		ND	µg/Kg-dry	500	7/15/2010 4:53:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		96.8	%REC	500	7/15/2010 4:53:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		104.2	%REC	500	7/15/2010 4:53:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		98.3	%REC	500	7/15/2010 4:53:00 PM	RWE
Surr: Toluene-d8		86-116		100.8	%REC	500	7/15/2010 4:53:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070526  
**Lab ID:** 10070526-012  
**Report Date:** 29-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(8)  
**Collection Date:** 7/14/2010 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	0.011	J	<b>0.007</b>	mg/Kg-dry	1	7/15/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.54	J	<b>0.32</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.54		<b>Interference</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS

### 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 results are below reporting limit - data is reportable.

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

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

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

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

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:** 10070526

**Report Date:** 29-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10070526-001A	P5-A5-W(3)	7/13/2010	Solid	SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD	7/16/2010 8:00:04 AM	7/16/2010 3:05:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	7/16/2010 8:00:04 AM	7/16/2010 11:59:00 AM
				SW-846 3550B, 8151A, Chlorinated Herbicides by GC/ECD	7/16/2010 5:54:56 PM	7/24/2010 8:26:00 AM
				SW-846 3550B, 8151A, Chlorinated Herbicides by GC/ECD	7/16/2010 5:54:56 PM	7/27/2010 12:21:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/15/2010 1:33:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/16/2010 4:58:00 PM
10070526-001B				EPA SW846 3550C, 5035A, ASTM D2974		7/14/2010 4:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/14/2010 4:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/16/2010 3:21:03 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/19/2010 7:48:59 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/20/2010 2:10:34 PM
				SW-846 3050B, Metals by GFAA	7/15/2010 11:08:02 AM	7/16/2010 10:19:16 AM
				SW-846 7471A	7/15/2010 9:25:44 AM	7/15/2010
				SW-846 9010B, 9014	7/16/2010 12:00:00 PM	7/20/2010 1:36:00 AM
				SW-846 9014A	7/19/2010 11:00:00 AM	7/20/2010 1:36:00 AM
				10070526-001E		
10070526-002A	P5-A5-W(8)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/15/2010 2:11:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/16/2010 5:30:00 PM
10070526-002B				EPA SW846 3550C, 5035A, ASTM D2974		7/14/2010 4:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/14/2010 4:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/16/2010 3:27:50 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/19/2010 7:55:46 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:** 10070526

**Report Date:** 29-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10070526-002B	P5-A5-W(8)	7/13/2010	Solid	SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/20/2010 2:13:24 PM
				SW-846 3050B, Metals by GFAA	7/15/2010 11:08:02 AM	7/16/2010 10:36:10 AM
				SW-846 7471A	7/15/2010 9:25:44 AM	7/15/2010
				SW-846 9010B, 9014	7/16/2010 12:00:00 PM	7/20/2010 1:36:00 AM
				SW-846 9014A	7/19/2010 11:00:00 AM	7/20/2010 1:36:00 AM
10070526-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/15/2010 12:05:00 PM
10070526-003A	P5-B5-W(3)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/15/2010 12:56:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/15/2010 4:39:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/16/2010 2:17:00 PM
10070526-003B				EPA SW846 3550C, 5035A, ASTM D2974		7/14/2010 4:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/14/2010 4:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/16/2010 3:53:41 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/19/2010 8:02:33 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/20/2010 2:16:14 PM
				SW-846 3050B, Metals by GFAA	7/15/2010 11:08:02 AM	7/16/2010 10:39:32 AM
				SW-846 7471A	7/15/2010 9:25:44 AM	7/15/2010
				SW-846 9010B, 9014	7/16/2010 12:00:00 PM	7/20/2010 1:36:00 AM
10070526-003E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/15/2010 6:20:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/15/2010 7:53:00 PM
10070526-004A	P5-B5-W(8)			SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/16/2010 6:02:00 PM
				EPA SW846 3550C, 5035A, ASTM D2974		7/14/2010 4:30:00 PM
10070526-004B						



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:** 10070526

**Report Date:** 29-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10070526-004B	P5-B5-W(8)	7/13/2010	Solid	Standard Methods 18th Ed. 2540 G		7/14/2010 4:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/16/2010 4:13:53 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/19/2010 8:35:25 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/20/2010 2:25:22 PM
				SW-846 3050B, Metals by GFAA	7/15/2010 11:08:02 AM	7/16/2010 10:42:52 AM
				SW-846 7471A	7/15/2010 9:25:44 AM	7/15/2010
				SW-846 9010B, 9014	7/16/2010 12:00:00 PM	7/20/2010 1:36:00 AM
				SW-846 9014A	7/19/2010 11:00:00 AM	7/20/2010 1:36:00 AM
10070526-004E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/15/2010 1:03:00 PM
10070526-005A	P5-C5-W(3)			SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD	7/16/2010 8:00:04 AM	7/16/2010 4:16:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	7/16/2010 8:00:04 AM	7/16/2010 12:17:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	7/16/2010 8:00:04 AM	7/16/2010 4:20:00 PM
				SW-846 3550B, 8151A, Chlorinated Herbicides by GC/ECD	7/16/2010 5:54:56 PM	7/24/2010 10:01:00 AM
				SW-846 3550B, 8151A, Chlorinated Herbicides by GC/ECD	7/16/2010 5:54:56 PM	7/27/2010 1:55:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/15/2010 8:30:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/16/2010 6:34:00 PM
10070526-005B				EPA SW846 3550C, 5035A, ASTM D2974		7/14/2010 4:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/14/2010 4:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/16/2010 4:20:39 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/19/2010 8:42:12 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/20/2010 2:33:56 PM
				SW-846 3050B, Metals by GFAA	7/15/2010 11:08:02 AM	7/16/2010 10:46:14 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:** 10070526

**Report Date:** 29-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10070526-005B	P5-C5-W(3)	7/13/2010	Solid	SW-846 7471A	7/15/2010 9:25:44 AM	7/15/2010
				SW-846 9010B, 9014	7/19/2010 1:00:00 PM	7/20/2010 1:36:00 AM
				SW-846 9014A	7/19/2010 1:00:00 PM	7/20/2010 1:36:00 AM
10070526-005E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/15/2010 6:49:00 PM
10070526-006A	P5-C5-W(8)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/15/2010 9:08:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/19/2010 7:01:00 PM
10070526-006B				EPA SW846 3550C, 5035A, ASTM D2974		7/14/2010 4:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/14/2010 4:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/16/2010 4:27:11 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/19/2010 8:48:43 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/20/2010 2:36:45 PM
				SW-846 3050B, Metals by GFAA	7/15/2010 11:08:02 AM	7/16/2010 10:49:38 AM
				SW-846 7471A	7/15/2010 9:25:44 AM	7/15/2010
				SW-846 9010B, 9014	7/19/2010 3:00:00 PM	7/21/2010 9:00:00 AM
				SW-846 9014A	7/19/2010 3:00:00 PM	7/21/2010 9:00:00 AM
10070526-006E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/15/2010 7:18:00 PM
10070526-007A	P5-C5-W(20)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/15/2010 9:45:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/16/2010 7:06:00 PM
10070526-007B				EPA SW846 3550C, 5035A, ASTM D2974		7/14/2010 4:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/14/2010 4:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/16/2010 4:33:51 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/19/2010 8:55:29 PM

ENVIRONMENTAL TESTING LABORATORY

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**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

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

**Lab Order:** 10070526

**Report Date:** 29-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10070526-007B	P5-C5-W(20)	7/13/2010	Solid	SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/20/2010 2:39:36 PM
				SW-846 3050B, Metals by GFAA	7/15/2010 11:08:02 AM	7/16/2010 10:53:00 AM
				SW-846 7471A	7/15/2010 9:25:44 AM	7/15/2010
				SW-846 9010B, 9014	7/19/2010 3:00:00 PM	7/21/2010 9:00:00 AM
				SW-846 9014A	7/19/2010 3:00:00 PM	7/21/2010 9:00:00 AM
10070526-007E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/15/2010 2:29:00 PM
10070526-008A	P5-B5-W(20)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/15/2010 10:21:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/19/2010 6:29:00 PM
10070526-008B				EPA SW846 3550C, 5035A, ASTM D2974		7/14/2010 4:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/14/2010 4:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/16/2010 4:40:38 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/19/2010 9:02:16 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/20/2010 2:42:26 PM
				SW-846 3050B, Metals by GFAA	7/15/2010 11:08:02 AM	7/16/2010 10:56:26 AM
				SW-846 7471A	7/15/2010 9:25:44 AM	7/15/2010
				SW-846 9010B, 9014	7/19/2010 3:00:00 PM	7/21/2010 9:00:00 AM
10070526-008E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/15/2010 2:58:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/16/2010 3:48:00 PM
10070526-009A	P5-A4-W(3)	7/14/2010		SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/15/2010 10:58:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/19/2010 5:57:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/20/2010 10:09:00 AM

ENVIRONMENTAL TESTING LABORATORY

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**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

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

**Lab Order:** 10070526

**Report Date:** 29-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10070526-009B	P5-A4-W(3)	7/14/2010	Solid	EPA SW846 3550C, 5035A, ASTM D2974		7/14/2010 4:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/14/2010 4:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/16/2010 4:47:20 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/19/2010 9:09:01 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/20/2010 2:45:15 PM
				SW-846 3050B, Metals by GFAA	7/15/2010 11:08:02 AM	7/16/2010 10:59:50 AM
				SW-846 7471A	7/15/2010 9:25:44 AM	7/15/2010
				SW-846 9010B, 9014	7/19/2010 3:00:00 PM	7/21/2010 9:00:00 AM
				SW-846 9014A	7/19/2010 3:00:00 PM	7/21/2010 9:00:00 AM
10070526-009E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/15/2010 3:26:00 PM
10070526-010A	P5-A4-W(8)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/15/2010 11:35:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/16/2010 2:50:00 PM
10070526-010B				EPA SW846 3550C, 5035A, ASTM D2974		7/14/2010 4:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/14/2010 4:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/16/2010 4:54:07 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/19/2010 9:15:48 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/20/2010 2:48:06 PM
				SW-846 3050B, Metals by GFAA	7/15/2010 11:08:02 AM	7/16/2010 11:03:14 AM
				SW-846 7471A	7/15/2010 9:25:44 AM	7/15/2010
				SW-846 9010B, 9014	7/19/2010 5:30:00 PM	7/21/2010 9:00:00 AM
				SW-846 9014A	7/19/2010 5:30:00 PM	7/21/2010 9:00:00 AM
10070526-010E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/15/2010 3:55:00 PM

ENVIRONMENTAL TESTING LABORATORY

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

## DATES REPORT

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

**Lab Order:** 10070526

**Report Date:** 29-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10070526-011A	P5-A3-W(3)	7/14/2010	Solid	SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD	7/16/2010 8:00:04 AM	7/16/2010 4:40:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	7/16/2010 8:00:04 AM	7/16/2010 1:08:00 PM
				SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD	7/16/2010 8:00:04 AM	7/16/2010 5:40:00 PM
				SW-846 3550B, 8151A, Chlorinated Herbicides by GC/ECD	7/16/2010 5:54:56 PM	7/24/2010 10:32:00 AM
				SW-846 3550B, 8151A, Chlorinated Herbicides by GC/ECD	7/16/2010 5:54:56 PM	7/27/2010 2:26:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/16/2010 12:11:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/17/2010 8:01:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/16/2010 4:26:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/19/2010 7:33:00 PM
10070526-011B				EPA SW846 3550C, 5035A, ASTM D2974		7/14/2010 4:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/14/2010 4:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/16/2010 5:13:36 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/19/2010 9:22:34 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/20/2010 2:50:57 PM
				SW-846 3050B, Metals by GFAA	7/15/2010 11:08:02 AM	7/16/2010 11:13:32 AM
				SW-846 7471A	7/15/2010 9:25:44 AM	7/15/2010
				SW-846 9010B, 9014	7/19/2010 5:30:00 PM	7/21/2010 9:00:00 AM
				SW-846 9014A	7/19/2010 5:30:00 PM	7/21/2010 9:00:00 AM
10070526-011E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/15/2010 4:24:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/16/2010 1:54:00 PM
10070526-012A	P5-A3-W(8)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/15/2010 8:16:52 AM	7/16/2010 12:48:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:49:26 AM	7/19/2010 5:25:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

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**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

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

**Lab Order:** 10070526

**Report Date:** 29-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10070526-012B	P5-A3-W(8)	7/14/2010	Solid	EPA SW846 3550C, 5035A, ASTM D2974		7/14/2010 4:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/14/2010 4:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/16/2010 5:20:23 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/19/2010 9:29:21 PM
				SW-846 3050B, 6010B, Metals by ICP	7/15/2010 11:34:38 AM	7/20/2010 2:53:48 PM
				SW-846 3050B, Metals by GFAA	7/15/2010 11:08:02 AM	7/16/2010 11:16:58 AM
				SW-846 7471A	7/15/2010 9:25:44 AM	7/15/2010
				SW-846 9010B, 9014	7/19/2010 5:30:00 PM	7/21/2010 9:00:00 AM
				SW-846 9014A	7/19/2010 5:30:00 PM	7/21/2010 9:00:00 AM
				10070526-012E		

**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.

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: I\_ACN\_S\_MT

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>MB-61855</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61855</b>	<b>SOP2092</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679431</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Amenable to Chlorination	< 0.50	0.50									

Sample ID: <b>LCS-61855</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61855</b>	<b>SOP2092</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679432</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Amenable to Chlorination	8.95	0.50	10.00	0	89.5	85	115				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: I\_TCN\_S\_MT

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>MB-61823</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137939</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61823</b>	<b>SW9010</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2678639</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	< 0.50	0.50									
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Sample ID: <b>LCS-61823</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137939</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61823</b>	<b>SW9010</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2678640</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	9.52	0.50	10.00	0	95.2	85	115				
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Sample ID: <b>MB-61823</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61823</b>	<b>SW9010</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680174</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	< 0.50	0.50									
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Sample ID: <b>LCS-61823</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61823</b>	<b>SW9010</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680175</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	9.00	0.50	10.00	0	90.0	85	115				
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Sample ID: <b>MB-61856</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61856</b>	<b>SW9010</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680180</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	< 0.50	0.50									
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Sample ID: <b>LCS-61856</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61856</b>	<b>SW9010</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680181</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\_TCN\_S\_MT

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>LCS-61856</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>		Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61856</b>	<b>SW9010</b>		Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680181</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	9.00	0.50	10.00	0	90.0	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: I\_TS\_M\_MT

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>LCS-R137827</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>137827</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R137827</b>		Analysis Date: <b>7/14/2010</b>	SeqNo: <b>2675416</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>137827</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R137827</b>		Analysis Date: <b>7/14/2010</b>	SeqNo: <b>2675417</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>10070526-004BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>137827</b>							
Client ID: <b>P5-B5-W(8)DUP</b>	Batch ID: <b>R137827</b>		Analysis Date: <b>7/14/2010</b>	SeqNo: <b>2676651</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	75.0	0.1						74.36	0.910	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_HG\_SOLID

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>MB-61773</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137853</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61773</b>	<b>SOP 3063</b>	Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676680</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-61773</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137853</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61773</b>	<b>SOP 3063</b>	Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676681</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 0 105.6 85 115

Sample ID: <b>10070526-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137853</b>							
Client ID: <b>P5-A5-W(3)MS</b>	Batch ID: <b>61773</b>	<b>SOP 3063</b>	Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676685</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.344 0.012 0.3090 0.01669 106.0 75 125

Sample ID: <b>10070526-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137853</b>							
Client ID: <b>P5-A5-W(3)MSD</b>	Batch ID: <b>61773</b>	<b>SOP 3063</b>	Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676686</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.345 0.012 0.3090 0.01669 106.4 75 125 0.3442 0.358 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_SOLID\_GF

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>MB-61769</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137915</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61769</b>	<b>SOP 3042</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677221</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-61769</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137915</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61769</b>	<b>SOP 3042</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677222</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	2.59	0.600	3.000	0	86.3	80	120			

Sample ID: <b>10070526-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137915</b>							
Client ID: <b>P5-A5-W(3)MS</b>	Batch ID: <b>61769</b>	<b>SOP 3042</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677224</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	2.61	0.545	2.727	0.3476	82.8	70	130			

Sample ID: <b>10070526-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137915</b>							
Client ID: <b>P5-A5-W(3)MSD</b>	Batch ID: <b>61769</b>	<b>SOP 3042</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677227</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	7740	2.32	0.545	2.727	0.3476	72.4	70	130	2.605	11.5	20

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: M\_SOLIDS\_ICP

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID:	SampType:	Units:	Prep Date:	RunNo:							
MB-61774	MBLK	mg/Kg-dry	7/15/2010	137885							
Client ID: ZZZZZZ	Batch ID: 61774	SOP 3032	Analysis Date: 7/16/2010	SeqNo: 2677034							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				
Sample ID: LCS-61774	SampType: LCS	Units: mg/Kg-dry	Prep Date: 7/15/2010	RunNo: 137885							
Client ID: ZZZZZZ	Batch ID: 61774	SOP 3032	Analysis Date: 7/16/2010	SeqNo: 2677035							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	215	2.50	200.0	0	107.3	85	115				
Barium	204	0.50	200.0	0	102.2	85	115				
Cadmium	5.17	0.20	5.000	0	103.4	85	115				
Chromium	21.1	1.00	20.00	0	105.7	85	115				
Lead	52.2	4.00	50.00	0	104.5	85	115				
Silver	5.30	0.55	5.000	0	106.0	85	115				
Sample ID: 10070526-003BMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 7/15/2010	RunNo: 137885							
Client ID: P5-B5-W(3)MS	Batch ID: 61774	SOP 3032	Analysis Date: 7/16/2010	SeqNo: 2677817							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	235	0.50	200.0	55.39	89.9	75	125				
Chromium	41.4	1.00	20.00	19.43	109.6	75	125				
Silver	5.16	0.55	5.000	0	103.2	75	125				
Sample ID: 10070526-003BMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 7/15/2010	RunNo: 137885							
Client ID: P5-B5-W(3)MSD	Batch ID: 61774	SOP 3032	Analysis Date: 7/16/2010	SeqNo: 2677818							
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: 10070526

Report Date: 29-Jul-10

Sample ID: <b>10070526-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137885</b>							
Client ID: <b>P5-B5-W(3)MSD</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677818</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	231	0.50	200.0	55.39	87.9	75	125	235.2	1.76	20	
Chromium	41.0	1.00	20.00	19.43	108.0	75	125	41.36	0.777	20	
Silver	5.51	0.55	5.000	0	110.2	75	125	5.160	6.56	20	

Sample ID: <b>10070526-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137950</b>							
Client ID: <b>P5-B5-W(3)MS</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679511</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	206	2.50	200.0	5.850	99.9	75	125				
Cadmium	4.69	0.20	5.000	0.1200	91.4	75	125				

Sample ID: <b>10070526-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137950</b>							
Client ID: <b>P5-B5-W(3)MSD</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679514</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	208	2.50	200.0	5.850	101.0	75	125	205.7	1.02	20	
Cadmium	4.62	0.20	5.000	0.1200	90.0	75	125	4.690	1.50	20	

Sample ID: <b>MB-61774</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138016</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680162</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-61774</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138016</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680163</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	53.7	4.00	50.00	0	107.3	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: 10070526

Report Date: 29-Jul-10

Sample ID: <b>10070526-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138016</b>							
Client ID: <b>P5-B5-W(3)MS</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680169</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	56.6	4.00	50.00	11.62	90.0	75	125				

Sample ID: <b>10070526-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138016</b>							
Client ID: <b>P5-B5-W(3)MSD</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680170</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	56.4	4.00	50.00	11.62	89.6	75	125	56.63	0.354	20	

Sample ID: <b>MB-61774</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138065</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/21/2010</b>	SeqNo: <b>2681147</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	0.78	1.00	1.000	0	78.0	-100	100				J

Sample ID: <b>LCS-61774</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138065</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/21/2010</b>	SeqNo: <b>2681148</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	20.4	1.00	20.00	0	102.0	85	115				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8081S\_S

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: MB-61791	SampType: MBLK	Units: µg/Kg	Prep Date: 7/15/2010	RunNo: 137910							
Client ID: ZZZZZZ	Batch ID: 61791	SW3550B	Analysis Date: 7/16/2010	SeqNo: 2677172							
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	7.52		8.330		90.3	73.5	150				
Surr: Tetrachloro-m-xylene	4.34		8.330		52.0	14.4	113				

Sample ID: LCSPST-61791	SampType: LCS	Units: µg/Kg	Prep Date: 7/15/2010	RunNo: 137910							
Client ID: ZZZZZZ	Batch ID: 61791	SW3550B	Analysis Date: 7/16/2010	SeqNo: 2677173							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	5.24	1.67	8.330	0	62.9	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: 10070526

Report Date: 29-Jul-10

Sample ID: <b>LCSPST-61791</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137910</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61791</b>	<b>SW3550B</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677173</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDE	4.85	1.67	8.330	0	58.2	26	191				
4,4'-DDT	6.35	1.67	8.330	0	76.2	3	215				
Alachlor	6.73	1.67	8.330	0	80.7	30	170				
Aldrin	4.21	1.67	8.330	0	50.5	46	173				
alpha-BHC	3.79	1.67	8.330	0	45.5	37	179				
alpha-Chlordane	4.92	1.67	8.330	0	59.0	38	187				
beta-BHC	5.13	1.67	8.330	0	61.6	51	185				
delta-BHC	5.11	1.67	8.330	0	61.3	46	166				
Dieldrin	4.90	1.67	8.330	0	58.8	26	216				
Endosulfan I	4.69	1.67	8.330	0	56.3	31	205				
Endosulfan II	5.35	1.67	8.330	0	64.2	42	187				
Endosulfan sulfate	5.91	1.67	8.330	0	70.9	29	230				
Endrin	4.89	1.67	8.330	0	58.7	30	215				
Endrin aldehyde	5.97	1.67	8.330	0	71.6	42	202				
Endrin ketone	7.07	1.67	8.330	0	84.9	19	244				
gamma-BHC	4.97	1.67	8.330	0	59.7	55	166				
gamma-Chlordane	4.82	1.67	8.330	0	57.9	23	186				
Heptachlor	4.65	1.67	8.330	0	55.8	43	172				
Heptachlor epoxide	5.18	1.67	8.330	0	62.2	39	204				
Methoxychlor	7.09	1.67	8.330	0	85.2	3	221				
Surr: Decachlorobiphenyl	7.13		8.330		85.6	50.4	176				
Surr: Tetrachloro-m-xylene	3.06		8.330		36.7	10	107				

Sample ID: <b>10070526-001AMS</b>	SampType: <b>MS</b>	Units: <b>µg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>137910</b>				
Client ID: <b>P5-A5-W(3)MS</b>	Batch ID: <b>61791</b>	<b>SW3550B</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677552</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	53.3	10.63	0	0	36	208				S
4,4'-DDE	11	53.3	10.63	0	104.5	26	191				J
4,4'-DDT	ND	53.3	10.63	0	0	3	215				S
Alachlor	ND	53.3	10.63	0	0	30	170				S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8081S\_S

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>10070526-001AMS</b>		SampType: <b>MS</b>		Units: <b>µg/Kg-dry</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137910</b>			
Client ID: <b>P5-A5-W(3)MS</b>		Batch ID: <b>61791</b>		<b>SW3550B</b>		Analysis Date: <b>7/16/2010</b>		SeqNo: <b>2677552</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	ND	53.3	10.63	0	0	46	173				S
alpha-BHC	ND	53.3	10.63	0	0	37	179				S
alpha-Chlordane	ND	53.3	10.63	0	0	38	187				S
beta-BHC	ND	53.3	10.63	0	0	51	185				S
delta-BHC	ND	53.3	10.63	0	0	46	166				S
Dieldrin	12	53.3	10.63	0	110.2	26	216				J
Endosulfan I	ND	53.3	10.63	0	0	31	205				S
Endosulfan II	11	53.3	10.63	0	104.6	42	187				J
Endosulfan sulfate	13	53.3	10.63	0	122.7	29	230				J
Endrin	ND	53.3	10.63	0	0	30	215				S
Endrin aldehyde	13	53.3	10.63	0	118.4	42	202				J
Endrin ketone	ND	53.3	10.63	0	0	19	244				S
gamma-BHC	ND	53.3	10.63	0	0	55	166				S
gamma-Chlordane	ND	53.3	10.63	0	0	23	186				S
Heptachlor	ND	53.3	10.63	0	0	43	172				S
Heptachlor epoxide	ND	53.3	10.63	0	0	39	204				S
Methoxychlor	ND	53.3	10.63	0	0	3	221				S
Surr: Decachlorobiphenyl	11.4		10.63		107.5	48	149				
Surr: Tetrachloro-m-xylene	8.47		10.63		79.7	19	145				

Sample ID: <b>10070526-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>µg/Kg-dry</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137910</b>			
Client ID: <b>P5-A5-W(3)MSD</b>		Batch ID: <b>61791</b>		<b>SW3550B</b>		Analysis Date: <b>7/16/2010</b>		SeqNo: <b>2677553</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	54.2	10.81	0	0	36	208	0	0	40	S
4,4'-DDE	13	54.2	10.81	0	119.0	26	191	11.11	0	40	J
4,4'-DDT	11	54.2	10.81	0	99.5	3	215	0	0	40	J
Alachlor	ND	54.2	10.81	0	0	30	170	0	0	40	S
Aldrin	14	54.2	10.81	0	134.3	46	173	0	0	40	J
alpha-BHC	ND	54.2	10.81	0	0	37	179	0	0	40	S
alpha-Chlordane	ND	54.2	10.81	0	0	38	187	0	0	40	S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8081S\_S

Lab Order: 10070526

Report Date: 29-Jul-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
beta-BHC	ND	54.2	10.81	0	0	51	185	0	0	40	S
delta-BHC	ND	54.2	10.81	0	0	46	166	0	0	40	S
Dieldrin	11	54.2	10.81	0	102.5	26	216	11.72	0	40	J
Endosulfan I	ND	54.2	10.81	0	0	31	205	0	0	40	S
Endosulfan II	15	54.2	10.81	0	136.7	42	187	11.12	0	40	J
Endosulfan sulfate	11	54.2	10.81	0	100.3	29	230	13.04	0	40	J
Endrin	ND	54.2	10.81	0	0	30	215	0	0	40	S
Endrin aldehyde	ND	54.2	10.81	0	0	42	202	12.59	0	40	S
Endrin ketone	ND	54.2	10.81	0	0	19	244	0	0	40	S
gamma-BHC	ND	54.2	10.81	0	0	55	166	0	0	40	S
gamma-Chlordane	ND	54.2	10.81	0	0	23	186	0	0	40	S
Heptachlor	ND	54.2	10.81	0	0	43	172	0	0	40	S
Heptachlor epoxide	ND	54.2	10.81	0	0	39	204	0	0	40	S
Methoxychlor	12	54.2	10.81	0	112.1	3	221	0	0	40	J
Surr: Decachlorobiphenyl	13.5		10.81		124.7	48	149		0	40	
Surr: Tetrachloro-m-xylene	10.4		10.81		96.6	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: 10070526

Report Date: 29-Jul-10

Sample ID: <b>MB-61791</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138024</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61791</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2680120</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		116.4	47.2	128				
Surr: Tetrachloro-meta-xylene	6.2		8.300		75.0	21	98.9				

Sample ID: <b>LCSPCB-61791</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138024</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61791</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2680121</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	136	37.5	166.7	0	81.6	54.9	121				
Aroclor 1260	162	37.5	166.7	0	97.4	65.5	133				
Surr: Decachlorobiphenyl	9.4		8.300		112.9	47.2	128				
Surr: Tetrachloro-meta-xylene	4.1		8.300		49.5	21	98.9				

Sample ID: <b>10070526-005AMS</b>	SampType: <b>MS</b>	Units: <b>µg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>138024</b>							
Client ID: <b>P5-C5-W(3)MS</b>	Batch ID: <b>61791</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2680132</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	192	49.9	221.8	0	86.7	35.8	143				
Aroclor 1260	225	49.9	221.8	0	101.5	22.3	152				
Surr: Decachlorobiphenyl	4.3		11.04		39.4	5	156				
Surr: Tetrachloro-meta-xylene	6.4		11.04		58.2	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: 10070526

Report Date: 29-Jul-10

Sample ID: <b>10070526-005AMSD</b>	SampType: <b>MSD</b>	Units: <b>µg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>138024</b>							
Client ID: <b>P5-C5-W(3)MSD</b>	Batch ID: <b>61791</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2680133</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	227	49.9	222.0	0	102.0	35.8	143	192.2	16.4	40	
Aroclor 1260	122	49.9	222.0	0	55.0	22.3	152	225.0	59.3	40	R
Surr: Decachlorobiphenyl	1.4		11.05		13.0	5	156		0	40	
Surr: Tetrachloro-meta-xylene	3.9		11.05		35.3	7.35	123		0	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8151S\_S

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>MB-61783</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138256</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61783</b>	<b>SW8151A</b>	Analysis Date: <b>7/26/2010</b>	SeqNo: <b>2685428</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	ND	10.0									
2,4,5-TP (Silvex)	ND	10.0									
2,4-D	ND	10.0									
2,4-DB	ND	10.0									
3,5-Dichlorobenzoic Acid	ND	10.0									
4-Nitrophenol	ND	10.0									
Bentazon	ND	10.0									
Chloramben	ND	10.0									
Dalapon	ND	100									
DCPA	ND	10.0									
Dicamba	ND	10.0									
Dichlorprop	ND	10.0									
MCPA	ND	1000									
MCPP	ND	1000									
Pentachlorophenol	ND	10.0									
Picloram	ND	10.0									
Surr: 2,4-Dichlorophenylacetic acid	7.74		13.33		58.0	50	150				

Sample ID: <b>LCS-61783</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138256</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61783</b>	<b>SW8151A</b>	Analysis Date: <b>7/26/2010</b>	SeqNo: <b>2685429</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	7.9	10.0	13.33	0	59.3	34.9	160				J
2,4,5-TP (Silvex)	8.3	10.0	13.33	0	62.5	30.2	161				J
2,4-D	10.3	10.0	13.33	0	77.1	27.4	139				
2,4-DB	5.3	10.0	13.33	0	39.9	13.6	174				J
3,5-Dichlorobenzoic Acid	5.9	10.0	13.33	0	44.6	18.4	146				J
4-Nitrophenol	4.4	10.0	13.33	0	32.9	33.3	138				JS
Bentazon	10.8	10.0	13.33	0	80.7	18.6	153				
Chloramben	4.1	10.0	13.33	0	30.8	29.2	157				J
Dalapon	39	100	133.3	0	29.4	10.6	130				J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8151S\_S

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>LCS-61783</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/15/2010</b>		RunNo: <b>138256</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61783</b>		<b>SW8151A</b>		Analysis Date: <b>7/26/2010</b>		SeqNo: <b>2685429</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DCPA	7.8	10.0	13.33	0	58.5	5	56.4				JS
Dicamba	12.7	10.0	13.33	0	95.3	10	171				
Dichlorprop	12.1	10.0	13.33	0	90.7	23.4	136				
MCPA	740	1000	1333	0	55.2	19.5	141				J
MCPP	610	1000	1333	0	45.5	9.86	181				J
Pentachlorophenol	ND	10.0	13.33	0	0	10.6	127				S
Picloram	7.1	10.0	13.33	0	53.3	4.61	171				J
Surr: 2,4-Dichlorophenylacetic acid	8.79		13.33		66.0	29.7	128				

Sample ID: <b>LCSD-61783</b>		SampType: <b>LCSD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/15/2010</b>		RunNo: <b>138256</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61783</b>		<b>SW8151A</b>		Analysis Date: <b>7/26/2010</b>		SeqNo: <b>2685430</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	10.1	10.0	13.33	0	75.6	34.9	160	7.902	24.3	30	
2,4,5-TP (Silvex)	10.1	10.0	13.33	0	75.7	30.2	161	8.337	19.1	30	
2,4-D	9.9	10.0	13.33	0	74.3	27.4	139	10.28	0	30	J
2,4-DB	7.8	10.0	13.33	0	58.7	13.6	174	5.317	0	30	J
3,5-Dichlorobenzoic Acid	9.3	10.0	13.33	0	69.5	18.4	146	5.943	0	30	J
4-Nitrophenol	3.2	10.0	13.33	0	23.7	33.3	138	4.385	0	30	JS
Bentazon	13.6	10.0	13.33	0	102.2	18.6	153	10.76	23.5	30	
Chloramben	5.4	10.0	13.33	0	40.3	29.2	157	4.104	0	30	J
Dalapon	42	100	133.3	0	31.7	10.6	130	39.16	0	30	J
DCPA	9.4	10.0	13.33	0	70.6	5	56.4	7.799	0	30	JS
Dicamba	11.5	10.0	13.33	0	85.9	10	171	12.70	10.3	30	
Dichlorprop	8.1	10.0	13.33	0	60.8	23.4	136	12.09	0	30	J
MCPA	910	1000	1333	0	68.1	19.5	141	736.0	0	30	J
MCPP	620	1000	1333	0	46.5	9.86	181	607.3	0	30	J
Pentachlorophenol	ND	10.0	13.33	0	0	10.6	127	0	0	30	S
Picloram	9.7	10.0	13.33	0	72.9	4.61	171	7.109	0	30	J
Surr: 2,4-Dichlorophenylacetic acid	8.21		13.33		61.5	29.7	128		0	30	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8151S\_S

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>10070526-001AMS</b>		SampType: <b>MS</b>		Units: <b>µg/Kg-dry</b>			Prep Date: <b>7/16/2010</b>		RunNo: <b>138256</b>		
Client ID: <b>P5-A5-W(3)MS</b>		Batch ID: <b>61783</b>		<b>SW8151A</b>			Analysis Date: <b>7/27/2010</b>		SeqNo: <b>2685433</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	110	1920	51.30	0	215.0	34.9	160				JS
2,4,5-TP (Silvex)	ND	1920	51.30	0	0	30.2	161				S
2,4-D	ND	1920	51.30	0	0	27.4	139				S
2,4-DB	ND	1920	51.30	0	0	13.6	174				S
3,5-Dichlorobenzoic Acid	ND	1920	51.30	0	0	18.4	146				S
Bentazon	ND	1920	51.30	0	0	18.6	153				S
Chloramben	ND	1920	51.30	0	0	29.2	157				S
Dalapon	ND	19200	513.0	0	0	10.6	130				S
DCPA	ND	1920	51.30	0	0	5	56.4				S
Dicamba	ND	1920	51.30	0	0	10	171				S
Dichlorprop	ND	1920	51.30	0	0	23.4	136				S
MCPA	ND	192000	5130	0	0	19.5	141				S
MCPP	ND	192000	5130	0	0	9.86	181				S
Picloram	ND	1920	51.30	0	0	4.61	171				S
Surr: 2,4-Dichlorophenylacetic acid	73.9		51.30		144.1	29.7	128				S

Sample ID: <b>10070526-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>µg/Kg-dry</b>			Prep Date: <b>7/16/2010</b>		RunNo: <b>138256</b>		
Client ID: <b>P5-A5-W(3)MSD</b>		Batch ID: <b>61783</b>		<b>SW8151A</b>			Analysis Date: <b>7/27/2010</b>		SeqNo: <b>2685434</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	ND	1910	51.05	0	0	34.9	160	110.3	0	0	S
2,4,5-TP (Silvex)	ND	1910	51.05	0	0	30.2	161	0	0	0	S
2,4-D	ND	1910	51.05	0	0	27.4	139	0	0	0	S
2,4-DB	ND	1910	51.05	0	0	13.6	174	0	0	0	S
3,5-Dichlorobenzoic Acid	ND	1910	51.05	0	0	18.4	146	0	0	0	S
Bentazon	ND	1910	51.05	0	0	18.6	153	0	0	0	S
Chloramben	ND	1910	51.05	0	0	29.2	157	0	0	0	S
Dalapon	ND	19100	510.5	0	0	10.6	130	0	0	0	S
DCPA	ND	1910	51.05	0	0	5	56.4	0	0	0	S
Dicamba	ND	1910	51.05	0	0	10	171	0	0	0	S
Dichlorprop	ND	1910	51.05	0	0	23.4	136	0	0	0	S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8151S\_S

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>10070526-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>µg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>138256</b>							
Client ID: <b>P5-A5-W(3)MSD</b>	Batch ID: <b>61783</b>	<b>SW8151A</b>	Analysis Date: <b>7/27/2010</b>	SeqNo: <b>2685434</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MCPA	ND	191000	5105	0	0	19.5	141	0	0	0	S
MCPD	ND	191000	5105	0	0	9.86	181	0	0	0	S
Picloram	ND	1910	51.05	0	0	4.61	171	0	0	0	S
Surr: 2,4-Dichlorophenylacetic acid	128		51.05		251.6	29.7	128		0	0	S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>LCS-61748</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>7/14/2010</b>	RunNo: <b>137902</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61748</b>	<b>SW3550B</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2678127</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	80.6	43.9	92.2				
1,4-Dichlorobenzene	1.16	0.500	1.670	0	69.2	43.8	84.1				
2,4,5-Trichlorophenol	3.30	0.350	3.330	0	99.0	38.6	123				
2,4,6-Trichlorophenol	3.27	0.350	3.330	0	98.1	35.9	123				
2,4-Dimethylphenol	2.91	0.500	3.330	0	87.5	38.3	88				
2,4-Dinitrophenol	3.27	1.00	3.330	0	98.3	1.88	162				
2,4-Dinitrotoluene	1.54	0.350	1.670	0	92.0	48.6	102				
2-Chlorophenol	2.51	0.500	3.330	0	75.5	46.6	84				
4-Chloro-3-methylphenol	3.32	0.500	3.330	0	99.6	51.5	94.9				S
4-Nitrophenol	3.86	0.350	3.330	0	115.9	53.2	104				S
Diethyl phthalate	2.89	0.500	3.330	0	86.7	51.7	106				
Dimethyl phthalate	2.75	0.350	3.330	0	82.6	58.8	104				
Di-n-butyl phthalate	1.60	0.350	1.670	0	96.1	54.3	105				
Hexachlorobenzene	2.94	0.350	3.330	0	88.3	55.9	106				
Hexachlorobutadiene	2.52	0.500	3.330	0	75.8	35.7	100				
Hexachloroethane	2.21	0.500	3.330	0	66.3	38.9	89.9				
m,p-Cresol	1.44	0.500	1.670	0	86.3	37.6	93.7				
Nitrobenzene	2.51	0.500	3.330	0	75.3	51.8	104				
N-Nitroso-di-n-propylamine	1.27	0.500	1.670	0	76.1	49.1	94.5				
o-Cresol	1.41	0.500	1.670	0	84.7	43	101				
Pentachlorophenol	4.32	2.00	3.330	0	129.8	42.2	102				S
Phenol	2.61	0.350	3.330	0	78.3	41.6	81.3				
Pyridine	1.71	0.500	3.330	0	51.5	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.74		1.670		104.4	52.1	113				
Surr: 2-Fluorobiphenyl	0.727		0.8350		87.0	46.3	106				
Surr: 2-Fluorophenol	1.29		1.670		77.0	50.6	89				
Surr: Nitrobenzene-d5	0.666		0.8350		79.7	42.4	99.2				
Surr: Phenol-d5	1.36		1.670		81.2	55.9	98.5				
Surr: p-Terphenyl-d14	0.906		0.8350		108.5	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>10070526-010AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>137902</b>				
Client ID: <b>P5-A4-W(8)MS</b>	Batch ID: <b>61748</b>	<b>SW3550B</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2678130</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.59	0.578	1.932	0	82.3	35.9	102				
1,4-Dichlorobenzene	1.43	0.578	1.932	0	73.8	29.8	95.5				
2,4,5-Trichlorophenol	3.65	0.405	3.853	0	94.8	38.6	123				
2,4,6-Trichlorophenol	3.58	0.405	3.853	0	93.0	35.9	123				
2,4-Dimethylphenol	3.44	0.578	3.853	0	89.2	38.3	88				S
2,4-Dinitrophenol	2.62	1.16	3.853	0	67.9	1.88	162				
2,4-Dinitrotoluene	2.04	0.405	1.932	0	105.5	37.5	107				
2-Chlorophenol	2.93	0.578	3.853	0	76.1	22.6	108				
4-Chloro-3-methylphenol	3.62	0.578	3.853	0	94.0	19.3	131				
4-Nitrophenol	4.65	0.405	3.853	0	120.7	27.6	123				
Diethyl phthalate	3.63	0.578	3.853	0	94.2	51.7	106				
Dimethyl phthalate	3.32	0.405	3.853	0	86.2	58.8	104				
Di-n-butyl phthalate	1.88	0.405	1.932	0	97.1	54.3	105				
Hexachlorobenzene	3.62	0.405	3.853	0	94.0	55.9	106				
Hexachlorobutadiene	2.95	0.578	3.853	0	76.6	35.7	100				
Hexachloroethane	2.67	0.578	3.853	0	69.3	38.9	89.9				
m,p-Cresol	1.63	0.578	1.932	0	84.4	37.6	93.7				
Nitrobenzene	3.00	0.578	3.853	0	77.9	51.8	104				
N-Nitroso-di-n-propylamine	1.52	0.578	1.932	0	78.4	45.5	99.1				
o-Cresol	1.61	0.578	1.932	0	83.4	43	101				
Pentachlorophenol	5.10	2.31	3.853	0	132.2	18.5	113				S
Phenol	3.00	0.405	3.853	0	77.8	20.8	110				
Pyridine	2.21	0.578	3.853	0	57.3	3.61	74.3				
Surr: 2,4,6-Tribromophenol	2.02		1.932		104.4	32.7	130				
Surr: 2-Fluorobiphenyl	0.724		0.9661		74.9	34.1	116				
Surr: 2-Fluorophenol	1.34		1.932		69.4	30.5	99				
Surr: Nitrobenzene-d5	0.694		0.9661		71.9	34.1	101				
Surr: Phenol-d5	1.44		1.932		74.6	34.9	110				
Surr: p-Terphenyl-d14	0.939		0.9661		97.2	41.7	124				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>10070526-010AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137902</b>							
Client ID: <b>P5-A4-W(8)MSD</b>	Batch ID: <b>61748</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2678131</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.69	0.581	1.940	0	87.1	35.9	102	1.591	6.05	40	
1,4-Dichlorobenzene	1.50	0.581	1.940	0	77.2	29.8	95.5	1.426	4.88	40	
2,4,5-Trichlorophenol	3.56	0.407	3.868	0	92.1	38.6	123	3.651	2.43	40	
2,4,6-Trichlorophenol	3.59	0.407	3.868	0	92.9	35.9	123	3.582	0.292	40	
2,4-Dimethylphenol	3.41	0.581	3.868	0	88.1	38.3	88	3.437	0.856	40	S
2,4-Dinitrophenol	2.66	1.16	3.868	0	68.7	1.88	162	2.616	1.61	40	
2,4-Dinitrotoluene	2.18	0.407	1.940	0	112.2	37.5	107	2.038	6.54	40	S
2-Chlorophenol	2.60	0.581	3.868	0	67.3	22.6	108	2.931	11.9	40	
4-Chloro-3-methylphenol	3.62	0.581	3.868	0	93.6	19.3	131	3.621	0.00908	40	
4-Nitrophenol	4.75	0.407	3.868	0	122.7	27.6	123	4.650	2.04	40	
Diethyl phthalate	3.88	0.581	3.868	0	100.4	51.7	106	3.629	6.75	40	
Dimethyl phthalate	3.60	0.407	3.868	0	93.2	58.8	104	3.323	8.13	40	
Di-n-butyl phthalate	1.98	0.407	1.940	0	102.2	54.3	105	1.875	5.57	40	
Hexachlorobenzene	3.88	0.407	3.868	0	100.4	55.9	106	3.623	6.96	40	
Hexachlorobutadiene	3.13	0.581	3.868	0	81.0	35.7	100	2.952	5.96	40	
Hexachloroethane	2.84	0.581	3.868	0	73.4	38.9	89.9	2.672	6.10	40	
m,p-Cresol	1.63	0.581	1.940	0	84.0	37.6	93.7	1.631	0.135	40	
Nitrobenzene	3.17	0.581	3.868	0	82.0	51.8	104	3.001	5.54	40	
N-Nitroso-di-n-propylamine	1.62	0.581	1.940	0	83.5	45.5	99.1	1.516	6.66	40	
o-Cresol	1.56	0.581	1.940	0	80.3	43	101	1.612	3.41	40	
Pentachlorophenol	4.92	2.32	3.868	0	127.1	18.5	113	5.095	3.58	40	S
Phenol	2.95	0.407	3.868	0	76.3	20.8	110	2.998	1.52	40	
Pyridine	2.33	0.581	3.868	0	60.2	3.61	74.3	2.207	5.43	40	
Surr: 2,4,6-Tribromophenol	2.15		1.940		110.9	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	0.773		0.9699		79.7	34.1	116		0	40	
Surr: 2-Fluorophenol	1.47		1.940		75.8	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.743		0.9699		76.6	34.1	101		0	40	
Surr: Phenol-d5	1.56		1.940		80.6	34.9	110		0	40	
Surr: p-Terphenyl-d14	0.998		0.9699		102.9	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

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>MB-61748</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/14/2010</b>	RunNo: <b>137962</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61748</b>	<b>SW3550B</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2678564</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									
Azobenzene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Lab Order: 10070526

Report Date: 29-Jul-10

# ANALYTICAL QC SUMMARY REPORT

TestCode: SV\_8270S\_S

Sample ID: <b>MB-61748</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/14/2010</b>	RunNo: <b>137962</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61748</b>	<b>SW3550B</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2678564</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>MB-61748</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/14/2010</b>	RunNo: <b>137962</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61748</b>	<b>SW3550B</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2678564</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.48		1.670		88.5	52.1	113				
Surr: 2-Fluorobiphenyl	0.708		0.8350		84.8	46.3	106				
Surr: 2-Fluorophenol	1.22		1.670		73.2	50.6	89				
Surr: Nitrobenzene-d5	0.656		0.8350		78.6	42.4	99.2				
Surr: Phenol-d5	1.28		1.670		76.8	55.9	98.5				
Surr: p-Terphenyl-d14	0.815		0.8350		97.6	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: 10070526

Report Date: 29-Jul-10

Sample ID: <b>MB-61750</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/14/2010</b>	RunNo: <b>137847</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61750</b>	<b>SW3550B</b>	Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2675789</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	0.011	0.034									J
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									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.572		0.8330		68.7	17.5	123				
Surr: 2-Fluorophenol	1.23		1.670		73.8	23	117				
Surr: Nitrobenzene-d5	0.527		0.8330		63.3	35	105				
Surr: Phenol-d5	1.28		1.670		76.7	33.2	125				
Surr: p-Terphenyl-d14	0.641		0.8330		76.9	53.6	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>LCS-61750</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>					Prep Date: <b>7/14/2010</b>	RunNo: <b>137847</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61750</b>	<b>SW3550B</b>					Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2675790</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.108	0.003	0.1670	0	64.6	56.3	115				
Acenaphthylene	0.106	0.003	0.1670	0	63.5	60.3	143				
Anthracene	0.103	0.003	0.1670	0	61.6	52.1	109				
Benzo(a)anthracene	0.106	0.003	0.1670	0	63.8	52.8	112				
Benzo(a)pyrene	0.104	0.003	0.1670	0	62.5	40.8	127				
Benzo(b)fluoranthene	0.108	0.003	0.1670	0	64.6	50.1	150				
Benzo(g,h,i)perylene	0.128	0.003	0.1670	0	76.7	52.8	145				
Benzo(k)fluoranthene	0.113	0.003	0.1670	0	67.8	52	153				
Bis(2-ethylhexyl)phthalate	0.119	0.067	0.1670	0	71.4	50	150				
Chrysene	0.117	0.003	0.1670	0	70.2	60.8	128				
Dibenzo(a,h)anthracene	0.126	0.003	0.1670	0	75.7	54.9	150				
Diethyl phthalate	0.117	0.034	0.1670	0	69.8	50	150				
Dimethyl phthalate	0.126	0.034	0.1670	0	75.3	50	150				
Di-n-butyl phthalate	0.119	0.034	0.1670	0	71.5	50	150				
Fluoranthene	0.114	0.003	0.1670	0	68.1	58.7	125				
Fluorene	0.108	0.003	0.1670	0	64.6	57.8	125				
Indeno(1,2,3-cd)pyrene	0.127	0.003	0.1670	0	76.2	52	147				
m,p-Cresol	0.103	0.010	0.1670	0	61.7	50	150				
Naphthalene	0.094	0.003	0.1670	0	56.5	54.8	113				
o-Cresol	0.097	0.003	0.1670	0	57.9	50	150				
Phenanthrene	0.107	0.003	0.1670	0	63.9	60.4	121				
Pyrene	0.113	0.003	0.1670	0	67.5	57.9	129				
Surr: 2-Fluorobiphenyl	0.553		0.8330		66.4	35.3	113				
Surr: 2-Fluorophenol	1.11		1.670		66.6	13.6	123				
Surr: Nitrobenzene-d5	0.494		0.8330		59.3	33.9	108				
Surr: Phenol-d5	1.20		1.670		71.9	33.7	129				
Surr: p-Terphenyl-d14	0.649		0.8330		78.0	58.4	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>10070526-003AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/15/2010</b>		RunNo: <b>137847</b>			
Client ID: <b>P5-B5-W(3)MS</b>		Batch ID: <b>61750</b>		<b>SW3550B</b>		Analysis Date: <b>7/15/2010</b>		SeqNo: <b>2676454</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Naphthalene	3.53	0.040	0.1951	3.320	107.4	14.7	128				
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Sample ID: <b>10070526-003AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/15/2010</b>		RunNo: <b>137847</b>			
Client ID: <b>P5-B5-W(3)MSD</b>		Batch ID: <b>61750</b>		<b>SW3550B</b>		Analysis Date: <b>7/15/2010</b>		SeqNo: <b>2676455</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Naphthalene	2.60	0.040	0.1957	3.320	-367.7	14.7	128	3.529	30.3	39.6	S
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Sample ID: <b>10070526-003AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/15/2010</b>		RunNo: <b>137847</b>			
Client ID: <b>P5-B5-W(3)MS</b>		Batch ID: <b>61750</b>		<b>SW3550B</b>		Analysis Date: <b>7/15/2010</b>		SeqNo: <b>2676456</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Acenaphthene	0.164	0.004	0.1951	0.02638	70.5	36	135				
Acenaphthylene	0.156	0.004	0.1951	0.03176	63.8	17.2	167				
Anthracene	0.131	0.004	0.1951	0.01327	60.5	39.3	124				
Benzo(a)anthracene	0.131	0.004	0.1951	0.01170	61.2	10	183				
Benzo(a)pyrene	0.126	0.004	0.1951	0.007694	60.8	10	204				
Benzo(b)fluoranthene	0.132	0.004	0.1951	0.006320	64.3	10.6	178				
Benzo(g,h,i)perylene	0.147	0.004	0.1951	0.005535	72.4	10	168				
Benzo(k)fluoranthene	0.126	0.004	0.1951	0	64.5	27.6	181				
Bis(2-ethylhexyl)phthalate	0.137	0.078	0.1951	0	70.4	50	150				
Chrysene	0.145	0.004	0.1951	0.008165	69.9	10	176				
Dibenzo(a,h)anthracene	0.141	0.004	0.1951	0	72.3	12.2	156				
Fluoranthene	0.146	0.004	0.1951	0.02202	63.6	10	227				
Fluorene	0.144	0.004	0.1951	0.01366	66.6	35.2	148				
Indeno(1,2,3-cd)pyrene	0.145	0.004	0.1951	0	74.6	10	164				
Phenanthrene	0.193	0.004	0.1951	0.04778	74.5	32.8	143				
Pyrene	0.158	0.004	0.1951	0.02591	67.5	10	180				
Surr: 2-Fluorobiphenyl	0.610		0.9730		62.6	10	131				
Surr: Nitrobenzene-d5	0.542		0.9730		55.7	10	132				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: SV\_8270S\_S\_SIMS

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>10070526-003AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/15/2010</b>		RunNo: <b>137847</b>			
Client ID: <b>P5-B5-W(3)MS</b>		Batch ID: <b>61750</b>		<b>SW3550B</b>		Analysis Date: <b>7/15/2010</b>		SeqNo: <b>2676456</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: p-Terphenyl-d14	0.691		0.9730		71.0	30.6	131				
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Sample ID: <b>10070526-003AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/15/2010</b>		RunNo: <b>137940</b>			
Client ID: <b>P5-B5-W(3)MSD</b>		Batch ID: <b>61750</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2010</b>		SeqNo: <b>2677940</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Acenaphthene	0.258	0.004	0.1957	0.02638	118.4	36	135	0.1639	44.6	49.7	
Acenaphthylene	0.209	0.004	0.1957	0.03176	90.8	17.2	167	0.1561	29.1	33.3	
Anthracene	0.240	0.004	0.1957	0.01327	115.8	39.3	124	0.1313	58.5	51.1	R
Benzo(a)anthracene	0.188	0.004	0.1957	0.01170	89.8	10	183	0.1312	35.4	40.6	
Benzo(a)pyrene	0.193	0.004	0.1957	0.007694	94.6	10	204	0.1263	41.7	56.4	
Benzo(b)fluoranthene	0.179	0.004	0.1957	0.006320	88.3	10.6	178	0.1318	30.5	49.7	
Benzo(g,h,i)perylene	0.170	0.004	0.1957	0.005535	84.2	10	168	0.1467	14.9	36.5	
Benzo(k)fluoranthene	0.147	0.004	0.1957	0	75.2	27.6	181	0.1257	15.7	42.6	
Bis(2-ethylhexyl)phthalate	0.148	0.078	0.1957	0	75.5	50	150	0.1374	7.25	60.3	
Chrysene	0.198	0.004	0.1957	0.008165	96.8	10	176	0.1446	31.0	45.1	
Dibenzo(a,h)anthracene	0.146	0.004	0.1957	0	74.5	12.2	156	0.1411	3.21	39.9	
Fluoranthene	0.263	0.004	0.1957	0.02202	123.4	10	227	0.1462	57.3	66.2	
Fluorene	0.251	0.004	0.1957	0.01366	121.0	35.2	148	0.1436	54.2	65.6	
Indeno(1,2,3-cd)pyrene	0.163	0.004	0.1957	0	83.0	10	164	0.1454	11.1	36.5	
Phenanthrene	0.545	0.004	0.1957	0.04778	254.1	32.8	143	0.1932	95.3	35.4	SR
Pyrene	0.343	0.004	0.1957	0.02591	162.0	10	180	0.1576	74.1	60.1	R
Surr: 2-Fluorobiphenyl	0.648		0.9762		66.4	10	131		0	40	
Surr: Nitrobenzene-d5	0.714		0.9762		73.2	10	132		0	40	
Surr: p-Terphenyl-d14	0.777		0.9762		79.6	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: 10070526

Report Date: 29-Jul-10

Sample ID: <b>LCS-G100715-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>					Prep Date: <b>7/15/2010</b>	RunNo: <b>137876</b>			
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61796</b>	<b>SW5035</b>					Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676508</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	45.9	5.0	50.00	0	91.7	85.6	124				
1,1,2,2-Tetrachloroethane	49.8	5.0	50.00	0	99.5	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	39.4	5.0	50.00	0	78.9	0	200				
1,1,2-Trichloroethane	49.1	5.0	50.00	0	98.1	0	200				
1,1-Dichloro-2-propanone	119	50.0	125.0	0	95.0	0	200				
1,1-Dichloroethane	45.2	5.0	50.00	0	90.4	0	200				
1,1-Dichloroethene	39.0	5.0	50.00	0	77.9	60.1	131				
1,1-Dichloropropene	46.6	5.0	50.00	0	93.1	0	200				
1,2,3-Trichlorobenzene	57.2	5.0	50.00	0	114.4	0	200				
1,2,3-Trichloropropane	48.7	10	50.00	0	97.3	0	200				
1,2,3-Trimethylbenzene	51.6	5.0	50.00	0	103.2	0	200				
1,2,4-Trichlorobenzene	60.1	5.0	50.00	0	120.2	0	200				
1,2,4-Trimethylbenzene	52.0	5.0	50.00	0	104.0	0	200				
1,2-Dibromo-3-chloropropane	52.4	5.0	50.00	0	104.8	0	200				
1,2-Dibromoethane	49.6	5.0	50.00	0	99.2	86.9	119				
1,2-Dichlorobenzene	50.7	5.0	50.00	0	101.3	88	119				
1,2-Dichloroethane	45.7	5.0	50.00	0	91.5	73	117				
1,2-Dichloropropane	47.8	5.0	50.00	0	95.6	0	200				
1,3,5-Trimethylbenzene	50.4	5.0	50.00	0	100.8	0	200				
1,3-Dichlorobenzene	51.6	5.0	50.00	0	103.3	85.8	125				
1,3-Dichloropropane	48.0	5.0	50.00	0	96.0	0	200				
1,4-Dichlorobenzene	51.0	5.0	50.00	0	101.9	84.5	124				
1-Chlorobutane	43.9	5.0	50.00	0	87.7	0	200				
2,2-Dichloropropane	46.2	5.0	50.00	0	92.4	0	200				
2-Butanone	135	50.0	125.0	0	107.7	45.3	136				
2-Chlorotoluene	49.9	5.0	50.00	0	99.8	0	200				
2-Hexanone	143	50.0	125.0	0	114.3	0	200				
2-Nitropropane	57.2	50.0	50.00	0	114.3	0	200				
4-Chlorotoluene	51.4	5.0	50.00	0	102.8	0	200				
4-Methyl-2-pentanone	131	50.0	125.0	0	105.0	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: 10070526

Report Date: 29-Jul-10

Sample ID: LCS-G100715-1	SampType: LCS	Units: µg/Kg					Prep Date: 7/15/2010	RunNo: 137876			
Client ID: ZZZZZZ	Batch ID: 61796	SW5035					Analysis Date: 7/15/2010	SeqNo: 2676508			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	157	50.0	125.0	0	125.9	0	200				
Acrolein	900	100	250.0	0	359.9	0	400				
Acrylonitrile	45.4	10	50.00	0	90.8	0	200				
Allyl chloride	41.8	5.0	50.00	0	83.6	0	200				
Benzene	46.1	1.0	50.00	0	92.3	73.9	109				
Bromobenzene	49.4	5.0	50.00	0	98.9	0	200				
Bromochloromethane	46.2	5.0	50.00	0	92.3	0	200				
Bromodichloromethane	49.3	5.0	50.00	0	98.5	91.3	126				
Bromoform	52.7	5.0	50.00	0	105.4	0	200				
Bromomethane	30.2	10	50.00	0	60.4	0	200				
Carbon disulfide	35.2	5.0	50.00	0	70.3	0	200				
Carbon tetrachloride	46.4	5.0	50.00	0	92.8	83.3	127				
Chlorobenzene	49.7	5.0	50.00	0	99.4	85.8	116				
Chloroethane	33.0	10	50.00	0	66.1	0	200				
Chloroform	47.6	5.0	50.00	0	95.2	80	113				
Chloromethane	15.9	10	50.00	0	31.8	0	200				
cis-1,2-Dichloroethene	47.3	5.0	50.00	0	94.6	0	200				
cis-1,3-Dichloropropene	49.8	4.0	50.00	0	99.6	0	200				
Cyclohexanone	275	100	250.0	0	110.0	0	200				
Dibromochloromethane	50.5	5.0	50.00	0	101.0	89.1	119				
Dibromomethane	48.0	5.0	50.00	0	96.0	0	200				
Dichlorodifluoromethane	4.1	10	50.00	0	8.2	0	200				J
Ethyl acetate	46	50.0	50.00	0	91.1	0	200				J
Ethyl ether	43.4	5.0	50.00	0	86.7	0	200				
Ethyl methacrylate	54.1	5.0	50.00	0	108.3	0	200				
Ethylbenzene	50.1	5.0	50.00	0	100.1	84.1	115				
Heptane	45.4	20.0	50.00	0	90.8	0	200				
Hexachlorobutadiene	53.1	5.0	50.00	0	106.2	0	200				
Hexachloroethane	50.5	5.0	50.00	0	101.0	0	200				
Iodomethane	35.6	10	50.00	0	71.3	0	200				
Isopropylbenzene	50.8	5.0	50.00	0	101.6	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: 10070526

Report Date: 29-Jul-10

Sample ID: <b>LCS-G100715-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137876</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61796</b>	<b>SW5035</b>				Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676508</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
m,p-Xylenes	101	5.0	100.0	0	101.2	79.1	111					
Methacrylonitrile	47	50.0	50.00	0	94.8	0	200				J	
Methyl Methacrylate	52.4	5.0	50.00	0	104.8	0	200					
Methyl tert-butyl ether	47.7	2.0	50.00	0	95.4	80	128					
Methylacrylate	48.7	10	50.00	0	97.4	0	200					
Methylene chloride	42.1	5.0	50.00	0	84.2	73.9	116					
Naphthalene	57.9	10	50.00	0	115.9	73.1	135					
n-Butylbenzene	58.1	5.0	50.00	0	116.2	0	200					
n-Hexane	38.8	20.0	50.00	0	77.7	0	200					
Nitrobenzene	57	100	50.00	0	114.6	0	200				J	
n-Propylbenzene	51.5	5.0	50.00	0	103.0	0	200					
o-Xylene	50.1	5.0	50.00	0	100.3	82	117					
Pentachloroethane	53.3	5.0	50.00	0	106.5	0	200					
p-Isopropyltoluene	51.1	5.0	50.00	0	102.3	0	200					
Propionitrile	53.5	50.0	50.00	0	107.0	0	200					
sec-Butylbenzene	51.5	5.0	50.00	0	103.0	0	200					
Styrene	53.4	5.0	50.00	0	106.8	0	200					
tert-Butylbenzene	49.9	5.0	50.00	0	99.8	0	200					
Tetrachloroethene	49.7	5.0	50.00	0	99.4	74.6	115					
Tetrahydrofuran	47	50.0	50.00	0	93.8	0	200				J	
Toluene	47.5	5.0	50.00	0	95.1	79.1	112					
trans-1,2-Dichloroethene	43.3	5.0	50.00	0	86.6	0	200					
trans-1,3-Dichloropropene	50.0	4.0	50.00	0	100	0	200					
Trichloroethene	48.4	5.0	50.00	0	96.9	81	111					
Trichlorofluoromethane	33.3	5.0	50.00	0	66.6	0	200					
Vinyl acetate	51.5	50.0	50.00	0	102.9	0	200					
Vinyl chloride	22.2	2.0	50.00	0	44.4	0	200					
Surr: 1,2-Dichloroethane-d4	48.0		50.00		95.9	72.2	131					
Surr: 4-Bromofluorobenzene	50.5		50.00		101.0	82.1	116					
Surr: Dibromofluoromethane	49.8		50.00		99.7	77.7	120					
Surr: Toluene-d8	49.5		50.00		99.1	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: 10070526

Report Date: 29-Jul-10

Sample ID: <b>LCS-D-G100715-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137876</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61796</b>	<b>SW5035</b>	Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676509</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	5.0	50.00	0	101.1	0	200	50.38	0.357	20	
1,1,1-Trichloroethane	46.2	5.0	50.00	0	92.3	85.6	124	45.87	0.630	20	
1,1,2,2-Tetrachloroethane	50.8	5.0	50.00	0	101.5	0	200	49.76	1.97	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	39.9	5.0	50.00	0	79.7	0	200	39.45	1.03	20	
1,1,2-Trichloroethane	49.4	5.0	50.00	0	98.7	0	200	49.06	0.610	20	
1,1-Dichloro-2-propanone	116	50.0	125.0	0	92.7	0	200	118.8	2.45	20	
1,1-Dichloroethane	45.3	5.0	50.00	0	90.5	0	200	45.22	0.0884	20	
1,1-Dichloroethene	39.4	5.0	50.00	0	78.7	60.1	131	38.96	1.02	20	
1,1-Dichloropropene	46.5	5.0	50.00	0	93.0	0	200	46.55	0.0860	20	
1,2,3-Trichlorobenzene	55.9	5.0	50.00	0	111.8	0	200	57.22	2.35	20	
1,2,3-Trichloropropane	50.3	10	50.00	0	100.6	0	200	48.66	3.27	20	
1,2,3-Trimethylbenzene	51.0	5.0	50.00	0	102.1	0	200	51.59	1.07	20	
1,2,4-Trichlorobenzene	58.7	5.0	50.00	0	117.4	0	200	60.11	2.37	20	
1,2,4-Trimethylbenzene	52.0	5.0	50.00	0	104.1	0	200	51.99	0.115	20	
1,2-Dibromo-3-chloropropane	54.0	5.0	50.00	0	107.9	0	200	52.38	2.99	20	
1,2-Dibromoethane	50.4	5.0	50.00	0	100.8	86.9	119	49.60	1.58	20	
1,2-Dichlorobenzene	50.8	5.0	50.00	0	101.5	88	119	50.66	0.197	20	
1,2-Dichloroethane	46.3	5.0	50.00	0	92.7	73	117	45.73	1.30	20	
1,2-Dichloropropane	48.0	5.0	50.00	0	96.0	0	200	47.80	0.459	20	
1,3,5-Trimethylbenzene	51.2	5.0	50.00	0	102.3	0	200	50.38	1.52	20	
1,3-Dichlorobenzene	51.6	5.0	50.00	0	103.3	85.8	125	51.65	0	20	
1,3-Dichloropropane	48.3	5.0	50.00	0	96.5	0	200	48.01	0.540	20	
1,4-Dichlorobenzene	51.4	5.0	50.00	0	102.8	84.5	124	50.97	0.801	20	
1-Chlorobutane	44.3	5.0	50.00	0	88.5	0	200	43.87	0.885	20	
2,2-Dichloropropane	46.0	5.0	50.00	0	92.0	0	200	46.18	0.347	20	
2-Butanone	134	50.0	125.0	0	107.5	45.3	136	134.7	0.245	20	
2-Chlorotoluene	50.1	5.0	50.00	0	100.2	0	200	49.89	0.460	20	
2-Hexanone	141	50.0	125.0	0	112.6	0	200	142.8	1.47	20	
2-Nitropropane	48	50.0	50.00	0	95.9	0	200	57.16	0	20	J
4-Chlorotoluene	51.5	5.0	50.00	0	103.1	0	200	51.40	0.253	20	
4-Methyl-2-pentanone	128	50.0	125.0	0	102.3	0	200	131.2	2.58	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>LCSD-G100715-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137876</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61796</b>	<b>SW5035</b>				Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676509</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	164	50.0	125.0	0	130.8	0	200	157.4	3.83	20	
Acrolein	956	100	250.0	0	382.6	0	400	899.7	6.11	20	
Acrylonitrile	46.9	10	50.00	0	93.8	0	200	45.38	3.34	20	
Allyl chloride	41.8	5.0	50.00	0	83.6	0	200	41.82	0	20	
Benzene	46.1	1.0	50.00	0	92.1	73.9	109	46.13	0.152	20	
Bromobenzene	50.4	5.0	50.00	0	100.9	0	200	49.45	1.98	20	
Bromochloromethane	46.1	5.0	50.00	0	92.2	0	200	46.15	0.130	20	
Bromodichloromethane	49.6	5.0	50.00	0	99.1	91.3	126	49.27	0.587	20	
Bromoform	52.8	5.0	50.00	0	105.6	0	200	52.71	0.208	20	
Bromomethane	27.7	10	50.00	0	55.4	0	200	30.20	8.67	20	
Carbon disulfide	35.3	5.0	50.00	0	70.6	0	200	35.17	0.312	20	
Carbon tetrachloride	46.6	5.0	50.00	0	93.3	83.3	127	46.40	0.516	20	
Chlorobenzene	49.6	5.0	50.00	0	99.1	85.8	116	49.69	0.242	20	
Chloroethane	32.3	10	50.00	0	64.5	0	200	33.05	2.42	20	
Chloroform	48.0	5.0	50.00	0	96.0	80	113	47.59	0.837	20	
Chloromethane	15.2	10	50.00	0	30.5	0	200	15.90	4.30	20	
cis-1,2-Dichloroethene	47.4	5.0	50.00	0	94.7	0	200	47.29	0.127	20	
cis-1,3-Dichloropropene	49.8	4.0	50.00	0	99.6	0	200	49.80	0.0201	20	
Cyclohexanone	288	100	250.0	0	115.3	0	200	275.1	4.66	20	
Dibromochloromethane	51.0	5.0	50.00	0	102.0	89.1	119	50.52	0.985	20	
Dibromomethane	48.8	5.0	50.00	0	97.6	0	200	48.00	1.63	20	
Dichlorodifluoromethane	3.8	10	50.00	0	7.7	0	200	4.080	0	20	J
Ethyl acetate	46	50.0	50.00	0	91.0	0	200	45.53	0	20	J
Ethyl ether	43.5	5.0	50.00	0	87.0	0	200	43.37	0.253	20	
Ethyl methacrylate	53.4	5.0	50.00	0	106.9	0	200	54.14	1.28	20	
Ethylbenzene	49.9	5.0	50.00	0	99.9	84.1	115	50.06	0.240	20	
Heptane	45.8	20.0	50.00	0	91.6	0	200	45.41	0.877	20	
Hexachlorobutadiene	53.1	5.0	50.00	0	106.2	0	200	53.08	0.0753	20	
Hexachloroethane	51.2	5.0	50.00	0	102.4	0	200	50.50	1.36	20	
Iodomethane	42.3	10	50.00	0	84.7	0	200	35.65	17.2	20	
Isopropylbenzene	50.9	5.0	50.00	0	101.7	0	200	50.78	0.157	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

TestCode: V\_8260S\_S

Lab Order: 10070526

Report Date: 29-Jul-10

Sample ID: <b>LCSD-G100715-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137876</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61796</b>	<b>SW5035</b>				Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676509</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylenes	101	5.0	100.0	0	101.4	79.1	111	101.2	0.207	20	
Methacrylonitrile	47	50.0	50.00	0	94.5	0	200	47.41	0	20	J
Methyl Methacrylate	52.1	5.0	50.00	0	104.1	0	200	52.40	0.651	20	
Methyl tert-butyl ether	47.5	2.0	50.00	0	95.0	80	128	47.69	0.441	20	
Methylacrylate	49.0	10	50.00	0	97.9	0	200	48.71	0.532	20	
Methylene chloride	42.4	5.0	50.00	0	84.8	73.9	116	42.09	0.734	20	
Naphthalene	56.4	10	50.00	0	112.7	73.1	135	57.94	2.75	20	
n-Butylbenzene	57.3	5.0	50.00	0	114.6	0	200	58.10	1.37	20	
n-Hexane	38.6	20.0	50.00	0	77.2	0	200	38.83	0.568	20	
Nitrobenzene	40	100	50.00	0	80.2	0	200	57.29	0	20	J
n-Propylbenzene	51.7	5.0	50.00	0	103.4	0	200	51.50	0.349	20	
o-Xylene	49.7	5.0	50.00	0	99.4	82	117	50.13	0.882	20	
Pentachloroethane	52.6	5.0	50.00	0	105.2	0	200	53.26	1.21	20	
p-Isopropyltoluene	51.4	5.0	50.00	0	102.8	0	200	51.14	0.488	20	
Propionitrile	49	50.0	50.00	0	98.1	0	200	53.49	0	20	J
sec-Butylbenzene	51.9	5.0	50.00	0	103.9	0	200	51.52	0.793	20	
Styrene	52.9	5.0	50.00	0	105.8	0	200	53.42	0.997	20	
tert-Butylbenzene	50.1	5.0	50.00	0	100.2	0	200	49.89	0.460	20	
Tetrachloroethene	50.2	5.0	50.00	0	100.4	74.6	115	49.69	1.02	20	
Tetrahydrofuran	46	50.0	50.00	0	93.1	0	200	46.88	0	20	J
Toluene	47.6	5.0	50.00	0	95.2	79.1	112	47.53	0.168	20	
trans-1,2-Dichloroethene	43.6	5.0	50.00	0	87.1	0	200	43.31	0.576	20	
trans-1,3-Dichloropropene	50.4	4.0	50.00	0	100.7	0	200	50.01	0.678	20	
Trichloroethene	48.9	5.0	50.00	0	97.9	81	111	48.44	1.01	20	
Trichlorofluoromethane	33.3	5.0	50.00	0	66.6	0	200	33.30	0.0601	20	
Vinyl acetate	50.2	50.0	50.00	0	100.4	0	200	51.47	2.48	20	
Vinyl chloride	21.6	2.0	50.00	0	43.1	0	200	22.19	2.83	20	
Surr: 1,2-Dichloroethane-d4	47.7		50.00		95.3	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.1		50.00		100.3	82.1	116		0	20	
Surr: Dibromofluoromethane	49.9		50.00		99.7	77.7	120		0	20	
Surr: Toluene-d8	49.7		50.00		99.4	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: 10070526

Report Date: 29-Jul-10

Sample ID: <b>MBLK-G100715-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137876</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61796</b>	<b>SW5035</b>	Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676510</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: 10070526

Report Date: 29-Jul-10

Sample ID: <b>MBLK-G100715-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137876</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61796</b>	<b>SW5035</b>	Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676510</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: 10070526

Report Date: 29-Jul-10

Sample ID: <b>MBLK-G100715-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137876</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61796</b>	<b>SW5035</b>	Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676510</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	48.0		50.00		96.1	72.2	131				
Surr: 4-Bromofluorobenzene	50.6		50.00		101.2	82.1	116				
Surr: Dibromofluoromethane	49.4		50.00		98.8	77.7	120				
Surr: Toluene-d8	49.4		50.00		98.7	86	116				

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10070526

**Report Date:** 29-Jul-10

Carrier: Sean Spinner

Received By: DB

Completed by:



On:

15-Jul-10

Dawn Brantley

Reviewed by:



On:

16-Jul-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 2.4
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 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.

P5-B5-W(8) is labeled as W(3) on the containers. Pete Sazama was notified of the error via voicemail. MLDII 7/14/10

Per Jason Crompton, identify samples by collection times. DB 7/15/10



# 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** 09898

10070526

Project Name: Ameren Campaign Project Mgr.: P. Sazama

Project Number: 624-090P-0120 Cost Code: 50002

Sampler(s): J. Crompton

Laboratory	Name:	Location:	Sample Number and (depth)	Date	Time	Matrix				Total Number of Containers	Analyses by Method Name and Number						Comments (Field PID)	Lab ID #'s
						Soil	Water	Air	Wipes		Other *	VOC Range	SVC B&T JMS	RCA Metals	Total & Inorganic Cyanide	PCBs		
			PS-A5-W(3)	7/13/10	0830	X					6	X	X	X	X	X		10070526-01
			PS-A5-W(8)		0842	X					6	X	X	X	X	X		-02
			PS-B5-W(3)		0911	X					6	X	X	X	X	X		-03
			PS-B5-W(8)		0900	X					6	X	X	X	X	X		-04
			PS-CS-W(3)		1350	X					6	X	X	X	X	X		-05
			PS-CS-W(8)		1400	X					6	X	X	X	X	X		-04
			PS-CS-W(20)		1415	X					6	X	X	X	X	X		-07
			PS-B5-W(20)		1430	X					6	X	X	X	X	X		-08
			PS-A4-W(3)	7/14/10	0820	X					6	X	X	X	X	X		-09
			PS-A4-W(8)		0831	X					6	X	X	X	X	X		-10
			PS-A3-W(3)		0850	X					6	X	X	X	X	X		-11
			PS-A3-W(8)		0900	X					6	X	X	X	X	X		-12

**Teklab, Inc.**  
**Courier Pick Up**

Laboratory Temperature upon Receipt  
2-410

**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  STP  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. \_\_\_\_\_

Sample: PS-B5-W(8) 7/13/10 1045

1 c.f. B/In. 02-7/14/10

**Relinquished by:** Signature \_\_\_\_\_ Date 7/14/10 Time 1045

**Received by:** Signature \_\_\_\_\_ Date 7/14/10 Time 1415

July 19, 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:** 10070606

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 7/15/2010 5:25:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. 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:** 10070606

**Report Date:** 19-Jul-10

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10070606-001	P5-B3.5-F(24)	5	7/15/2010 1:20:00 PM
10070606-002	P5-B3.5-F(26)	5	7/15/2010 1:30:00 PM

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10070606

**Report Date:** 19-Jul-10

**Cooler Receipt Temp:** 11.0 °C

### State accreditations:

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

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

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

**Surr** - Surrogate Standard added by lab

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

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

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

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

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

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

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

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

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10070606

**Client Sample ID:** P5-B3.5-F(24)

**Lab ID:** 10070606-001

**Collection Date:** 7/15/2010 1:20:00 PM

**Report Date:** 19-Jul-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		11.2	%	1	7/15/2010 6:00:00 PM	DLW
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.8	%	1	7/15/2010 6:00:00 PM	DLW
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		5.22	mg/Kg-dry	1	7/16/2010 12:28:29 PM	LAL
Barium	NELAP	0.50		20.4	mg/Kg-dry	1	7/16/2010 12:28:29 PM	LAL
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	7/16/2010 12:28:29 PM	LAL
Chromium	NELAP	1.00		17.4	mg/Kg-dry	1	7/16/2010 12:28:29 PM	LAL
Lead	NELAP	4.00		10.8	mg/Kg-dry	1	7/16/2010 12:28:29 PM	LAL
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/16/2010 12:28:29 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.566	< 0.566	mg/Kg-dry	1	7/16/2010 1:12:06 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	5.59		5.67	mg/Kg-dry	1	7/16/2010 12:59:00 PM	DMH
Kerosene	NELAP	5.59		ND	mg/Kg-dry	1	7/16/2010 12:59:00 PM	DMH
Mineral Spirits	NELAP	5.59		ND	mg/Kg-dry	1	7/16/2010 12:59:00 PM	DMH
Motor Oil	NELAP	5.59		ND	mg/Kg-dry	1	7/16/2010 12:59:00 PM	DMH
Surr: n-Tetracontane		50.6-140		72.2	%REC	1	7/16/2010 12:59:00 PM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.014	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.006	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Anthracene	NELAP	0.004		0.008	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.004	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Chrysene	NELAP	0.004		0.005	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Fluoranthene	NELAP	0.004		0.010	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Fluorene	NELAP	0.004		0.011	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Naphthalene	NELAP	0.004		0.117	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Phenanthrene	NELAP	0.004		0.029	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Pyrene	NELAP	0.004		0.014	mg/Kg-dry	1	7/17/2010 5:00:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		59.0	%REC	1	7/17/2010 5:00:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		73.8	%REC	1	7/17/2010 5:00:00 AM	MAV

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070606  
**Lab ID:** 10070606-001  
**Report Date:** 19-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B3.5-F(24)  
**Collection Date:** 7/15/2010 1:20:00 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		74.2	%REC	1	7/17/2010 5:00:00 AM	MAW
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
2-Chloronaphthalene	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
2-Chlorophenol	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
2-Methoxy-4-methylphenol		0.729		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
2-Methylnaphthalene	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
2-Nitrophenol	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
4-Chloroaniline	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
4-Nitroaniline	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
4-Nitrophenol	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Aniline	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Azobenzene		0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Benzidine	NELAP	1.18		see note	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Benzyl alcohol	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Carbazole		0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070606  
**Lab ID:** 10070606-001  
**Report Date:** 19-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B3.5-F(24)  
**Collection Date:** 7/15/2010 1:20:00 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>								
Dibenzofuran	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Diethyl phthalate	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Dimethyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Hexachlorobenzene	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Hexachlorobutadiene	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Hexachloroethane	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Isophorone	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
m,p-Cresol	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Nitrobenzene	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
o-Cresol	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Phenol	NELAP	0.393		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Pyridine	NELAP	0.561		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
1,2-Diphenylhydrazine		0.942		ND	mg/Kg-dry	1	7/16/2010 11:05:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		82.8	%REC	1	7/16/2010 11:05:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		78.0	%REC	1	7/16/2010 11:05:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		75.6	%REC	1	7/16/2010 11:05:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		81.3	%REC	1	7/16/2010 11:05:00 AM	DMH
Surr: Phenol-d5		34.9-110		79.2	%REC	1	7/16/2010 11:05:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		99.9	%REC	1	7/16/2010 11:05:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,1,1-Trichloroethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,1,2-Trichloroethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,1-Dichloro-2-propanone		32.5		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,1-Dichloroethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,1-Dichloroethene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,1-Dichloropropene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,2,3-Trichloropropane	NELAP	6.50		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070606  
**Lab ID:** 10070606-001  
**Report Date:** 19-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B3.5-F(24)  
**Collection Date:** 7/15/2010 1:20:00 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>								
1,2,3-Trimethylbenzene		3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	3.25	J	2.2	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,2-Dibromoethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,2-Dichlorobenzene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,2-Dichloroethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,2-Dichloropropane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	3.25	J	0.84	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,3-Dichlorobenzene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,3-Dichloropropane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1,4-Dichlorobenzene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
1-Chlorobutane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
2,2-Dichloropropane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
2-Butanone	NELAP	32.5	J	9.2	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
2-Chlorotoluene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
2-Hexanone	NELAP	32.5		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
2-Nitropropane	NELAP	32.5		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
4-Chlorotoluene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
4-Methyl-2-pentanone	NELAP	32.5		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Acetone	NELAP	32.5		38.2	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Acetonitrile	NELAP	65.0		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Acrolein	NELAP	65.0		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Acrylonitrile	NELAP	6.50		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Allyl chloride	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Benzene	NELAP	0.650		19.6	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Bromobenzene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Bromochloromethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Bromodichloromethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Bromoform	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Bromomethane	NELAP	6.50		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Carbon disulfide	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Carbon tetrachloride	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Chlorobenzene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Chloroethane	NELAP	6.50		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Chloroform	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Chloromethane	NELAP	6.50		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070606  
**Lab ID:** 10070606-001  
**Report Date:** 19-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B3.5-F(24)  
**Collection Date:** 7/15/2010 1:20:00 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>								
cis-1,3-Dichloropropene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Cyclohexanone		65.0		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Dibromochloromethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Dibromomethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Dichlorodifluoromethane	NELAP	6.50		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Ethyl acetate	NELAP	32.5		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Ethyl ether	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Ethyl methacrylate	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Ethylbenzene	NELAP	3.25		8.38	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Gasoline Range Organics (OA-1)		650	J	270	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Heptane		13.0		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Hexachlorobutadiene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Hexachloroethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Iodomethane	NELAP	6.50		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Isopropylbenzene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
m,p-Xylenes	NELAP	3.25		7.50	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Methacrylonitrile	NELAP	32.5		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Methyl Methacrylate	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Methyl tert-butyl ether	NELAP	1.30		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Methylacrylate		6.50		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Methylene chloride	NELAP	3.25	J	1.2	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Naphthalene	NELAP	6.50		47.6	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
n-Butylbenzene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
n-Hexane		13.0	J	1.9	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Nitrobenzene	NELAP	65.0		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
n-Propylbenzene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
o-Xylene	NELAP	3.25		5.62	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Pentachloroethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
p-Isopropyltoluene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Propionitrile	NELAP	32.5		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
sec-Butylbenzene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Styrene	NELAP	3.25	J	2.1	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
tert-Butylbenzene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Tetrachloroethene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Tetrahydrofuran	NELAP	32.5		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Toluene	NELAP	3.25		13.5	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070606  
**Lab ID:** 10070606-001  
**Report Date:** 19-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B3.5-F(24)  
**Collection Date:** 7/15/2010 1:20:00 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>								
trans-1,4-Dichloro-2-butene	NELAP	6.50		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Trichloroethene	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Trichlorofluoromethane	NELAP	3.25		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Vinyl acetate	NELAP	32.5		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Vinyl chloride	NELAP	1.30		ND	µg/Kg-dry	1	7/16/2010 1:25:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		106.6	%REC	1	7/16/2010 1:25:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116	S	74.4	%REC	1	7/16/2010 1:25:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		106.8	%REC	1	7/16/2010 1:25:00 PM	RWE
Surr: Toluene-d8		86-116	S	129.5	%REC	1	7/16/2010 1:25:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.009	mg/Kg-dry	1	7/16/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.56		< 0.56	mg/Kg-dry	1	7/16/2010 4:30:00 PM	NJM
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.56		< 0.56	mg/Kg-dry	1	7/16/2010 4:30:00 PM	NJM

### 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 outside upper QC limits. Sample results are below reporting limit - data is reportable.

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:** 10070606  
**Lab ID:** 10070606-002  
**Report Date:** 19-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B3.5-F(26)  
**Collection Date:** 7/15/2010 1:30:00 PM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst	
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>									
Percent Moisture		0.1		11.9	%	1	7/15/2010 6:00:00 PM	DLW	
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>									
Total Solids		0.1		88.1	%	1	7/15/2010 6:00:00 PM	DLW	
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>									
Arsenic	NELAP	2.50		7.06	mg/Kg-dry	1	7/16/2010 12:48:35 PM	LAL	
Barium	NELAP	0.50		15.6	mg/Kg-dry	1	7/16/2010 12:48:35 PM	LAL	
Cadmium	NELAP	0.20	J	0.11	mg/Kg-dry	1	7/16/2010 12:48:35 PM	LAL	
Chromium	NELAP	1.00		15.7	mg/Kg-dry	1	7/16/2010 12:48:35 PM	LAL	
Lead	NELAP	4.00		10.6	mg/Kg-dry	1	7/16/2010 12:48:35 PM	LAL	
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/16/2010 12:48:35 PM	LAL	
<b><u>SW-846 3050B, METALS BY GFAA</u></b>									
Selenium	7740	NELAP	0.556	S	< 0.556	mg/Kg-dry	1	7/16/2010 1:15:30 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>									
Diesel	NELAP	5.66		ND	mg/Kg-dry	1	7/16/2010 1:51:00 PM	DMH	
Kerosene	NELAP	5.66		ND	mg/Kg-dry	1	7/16/2010 1:51:00 PM	DMH	
Mineral Spirits	NELAP	5.66		ND	mg/Kg-dry	1	7/16/2010 1:51:00 PM	DMH	
Motor Oil	NELAP	5.66		ND	mg/Kg-dry	1	7/16/2010 1:51:00 PM	DMH	
Surr: n-Tetracontane		50.6-140		77.2	%REC	1	7/16/2010 1:51:00 PM	DMH	
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>									
Acenaphthene	NELAP	0.004		0.058	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Acenaphthylene	NELAP	0.004		0.024	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Anthracene	NELAP	0.004		0.040	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Benzo(a)anthracene	NELAP	0.004		0.025	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Benzo(a)pyrene	NELAP	0.004		0.023	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Benzo(b)fluoranthene	NELAP	0.004		0.021	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Benzo(g,h,i)perylene	NELAP	0.004		0.013	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Benzo(k)fluoranthene	NELAP	0.004		0.008	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Chrysene	NELAP	0.004		0.026	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Fluoranthene	NELAP	0.004		0.053	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Fluorene	NELAP	0.004		0.056	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.010	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Naphthalene	NELAP	0.004		0.306	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Phenanthrene	NELAP	0.004		0.148	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Pyrene	NELAP	0.004		0.076	mg/Kg-dry	1	7/17/2010 5:36:00 AM	MAV	
Surr: 2-Fluorobiphenyl		10-131		47.3	%REC	1	7/17/2010 5:36:00 AM	MAV	
Surr: Nitrobenzene-d5		10-132		70.2	%REC	1	7/17/2010 5:36:00 AM	MAV	

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070606  
**Lab ID:** 10070606-002  
**Report Date:** 19-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B3.5-F(26)  
**Collection Date:** 7/15/2010 1:30:00 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		72.5	%REC	1	7/17/2010 5:36:00 AM	MAW
<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	7/16/2010 11:37:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
2-Chloronaphthalene	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
2-Chlorophenol	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
2-Methoxy-4-methylphenol		0.731		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
2-Methylnaphthalene	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
2-Nitrophenol	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
4-Chloroaniline	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
4-Nitroaniline	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
4-Nitrophenol	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Aniline	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Azobenzene		0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Benzidine	NELAP	1.19		see note	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Benzoic acid	NELAP	1.69		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Benzyl alcohol	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Carbazole		0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070606  
**Lab ID:** 10070606-002  
**Report Date:** 19-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B3.5-F(26)  
**Collection Date:** 7/15/2010 1:30:00 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	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Diethyl phthalate	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Dimethyl phthalate	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Hexachlorobenzene	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Hexachlorobutadiene	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Hexachloroethane	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Isophorone	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
m,p-Cresol	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Nitrobenzene	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
o-Cresol	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Pentachlorophenol	NELAP	2.25		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Phenol	NELAP	0.394		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Pyridine	NELAP	0.562		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
1,2-Diphenylhydrazine		0.944		ND	mg/Kg-dry	1	7/16/2010 11:37:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		76.0	%REC	1	7/16/2010 11:37:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116	S	61.1	%REC	1	7/16/2010 11:37:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		70.9	%REC	1	7/16/2010 11:37:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		74.6	%REC	1	7/16/2010 11:37:00 AM	DMH
Surr: Phenol-d5		34.9-110		75.0	%REC	1	7/16/2010 11:37:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		96.9	%REC	1	7/16/2010 11:37:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,1,1-Trichloroethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,1,2-Trichloroethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,1-Dichloro-2-propanone		30.2		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,1-Dichloroethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,1-Dichloroethene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,1-Dichloropropene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,2,3-Trichloropropane	NELAP	6.03		ND	µg/Kg-dry	1	7/16/2010 12:57:00 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:** 10070606

**Client Sample ID:** P5-B3.5-F(26)

**Lab ID:** 10070606-002

**Collection Date:** 7/15/2010 1:30:00 PM

**Report Date:** 19-Jul-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>								
1,2,3-Trimethylbenzene		3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,2-Dibromoethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,2-Dichlorobenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,2-Dichloroethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,2-Dichloropropane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,3-Dichlorobenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,3-Dichloropropane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1,4-Dichlorobenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
1-Chlorobutane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
2,2-Dichloropropane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
2-Butanone	NELAP	30.2	J	13	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
2-Chlorotoluene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
2-Hexanone	NELAP	30.2		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
2-Nitropropane	NELAP	30.2		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
4-Chlorotoluene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
4-Methyl-2-pentanone	NELAP	30.2		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Acetone	NELAP	30.2		30.9	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Acetonitrile	NELAP	60.3		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Acrolein	NELAP	60.3		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Acrylonitrile	NELAP	6.03		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Allyl chloride	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Benzene	NELAP	0.603		1.88	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Bromobenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Bromochloromethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Bromodichloromethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Bromoform	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Bromomethane	NELAP	6.03		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Carbon disulfide	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Carbon tetrachloride	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Chlorobenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Chloroethane	NELAP	6.03		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Chloroform	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Chloromethane	NELAP	6.03		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070606  
**Lab ID:** 10070606-002  
**Report Date:** 19-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B3.5-F(26)  
**Collection Date:** 7/15/2010 1:30:00 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>								
cis-1,3-Dichloropropene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Cyclohexanone		60.3		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Dibromochloromethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Dibromomethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Dichlorodifluoromethane	NELAP	6.03		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Ethyl acetate	NELAP	30.2		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Ethyl ether	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Ethyl methacrylate	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Ethylbenzene	NELAP	3.02	J	0.92	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Gasoline Range Organics (OA-1)		603		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Heptane		12.1		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Hexachlorobutadiene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Hexachloroethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Iodomethane	NELAP	6.03		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Isopropylbenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
m,p-Xylenes	NELAP	3.02	J	1.2	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Methacrylonitrile	NELAP	30.2		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Methyl Methacrylate	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Methyl tert-butyl ether	NELAP	1.21		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Methylacrylate		6.03		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Methylene chloride	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Naphthalene	NELAP	6.03	J	4.0	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
n-Butylbenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
n-Hexane		12.1		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Nitrobenzene	NELAP	60.3		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
n-Propylbenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
o-Xylene	NELAP	3.02	J	0.62	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Pentachloroethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
p-Isopropyltoluene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Propionitrile	NELAP	30.2		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
sec-Butylbenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Styrene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
tert-Butylbenzene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Tetrachloroethene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Tetrahydrofuran	NELAP	30.2		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Toluene	NELAP	3.02	J	2.4	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070606  
**Lab ID:** 10070606-002  
**Report Date:** 19-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B3.5-F(26)  
**Collection Date:** 7/15/2010 1:30:00 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	6.03		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Trichloroethene	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Trichlorofluoromethane	NELAP	3.02		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Vinyl acetate	NELAP	30.2		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Vinyl chloride	NELAP	1.21		ND	µg/Kg-dry	1	7/16/2010 12:57:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		102.1	%REC	1	7/16/2010 12:57:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116	S	78.1	%REC	1	7/16/2010 12:57:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		104.2	%REC	1	7/16/2010 12:57:00 PM	RWE
Surr: Toluene-d8		86-116	S	125.2	%REC	1	7/16/2010 12:57:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	7/16/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.54		< 0.54	mg/Kg-dry	1	7/16/2010 4:30:00 PM	NJM
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.56		< 0.56	mg/Kg-dry	1	7/16/2010 4:30:00 PM	NJM

### 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

Surrogate recovery was outside QC limits due to matrix interference.

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

LCS outside upper QC limits. Sample results are below reporting limit - data is reportable.

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

Surrogate recovery was outside QC limits 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:** 10070606

**Report Date:** 19-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10070606-001A	P5-B3.5-F(24)	7/15/2010	Solid	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	7/16/2010 9:51:20 AM	7/16/2010 12:59:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 8:43:37 AM	7/17/2010 5:00:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:34:30 AM	7/16/2010 11:05:00 AM
10070606-001B				EPA SW846 3550C, 5035A, ASTM D2974		7/15/2010 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/15/2010 6:00:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 8:40:30 AM	7/16/2010 12:28:29 PM
				SW-846 3050B, Metals by GFAA	7/16/2010 8:36:19 AM	7/16/2010 1:12:06 PM
				SW-846 7471A	7/16/2010 9:12:21 AM	7/16/2010
				SW-846 9010B, 9014	7/16/2010 12:00:00 PM	7/16/2010 4:30:00 PM
				SW-846 9014A	7/16/2010 12:00:00 PM	7/16/2010 4:30:00 PM
10070606-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/16/2010 1:25:00 PM
10070606-002A	P5-B3.5-F(26)			SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	7/16/2010 9:51:20 AM	7/16/2010 1:51:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 8:43:37 AM	7/17/2010 5:36:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 9:34:30 AM	7/16/2010 11:37:00 AM
10070606-002B				EPA SW846 3550C, 5035A, ASTM D2974		7/15/2010 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/15/2010 6:00:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 8:40:30 AM	7/16/2010 12:48:35 PM
				SW-846 3050B, Metals by GFAA	7/16/2010 8:36:19 AM	7/16/2010 1:15:30 PM
				SW-846 7471A	7/16/2010 9:12:21 AM	7/16/2010
				SW-846 9010B, 9014	7/16/2010 12:00:00 PM	7/16/2010 4:30:00 PM
				SW-846 9014A	7/16/2010 12:00:00 PM	7/16/2010 4:30:00 PM
10070606-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/16/2010 12:57:00 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: 10070606

Report Date: 19-Jul-10

## ANALYTICAL QC SUMMARY REPORT

Test Number: M2540 G

Sample ID: <b>LCS-R137884</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>137884</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R137884</b>		Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676738</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>137884</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R137884</b>		Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676739</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>10070606-002BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>137884</b>							
Client ID: <b>P5-B3.5-F(26)DUP</b>	Batch ID: <b>R137884</b>		Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676758</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	88.4	0.1						88.09	0.385	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: 10070606

Report Date: 19-Jul-10

Sample ID: <b>MB-61774</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137885</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677034</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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

Sample ID: <b>LCS-61774</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137885</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677035</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	215	2.50	200.0	0	107.3	85	115				
Barium	204	0.50	200.0	0	102.2	85	115				
Cadmium	5.17	0.20	5.000	0	103.4	85	115				
Chromium	21.1	1.00	20.00	0	105.7	85	115				
Lead	52.2	4.00	50.00	0	104.5	85	115				
Silver	5.30	0.55	5.000	0	106.0	85	115				

Sample ID: <b>10070606-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>137885</b>				
Client ID: <b>P5-B3.5-F(24)MS</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677039</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	217	2.50	200.0	5.220	105.8	75	125				
Barium	202	0.50	200.0	20.38	90.6	75	125				
Cadmium	4.80	0.20	5.000	0	96.0	75	125				
Chromium	37.8	1.00	20.00	17.35	102.5	75	125				
Lead	56.3	4.00	50.00	10.84	90.9	75	125				
Silver	5.60	0.55	5.000	0	112.0	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW6010B

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>10070606-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>137885</b>				
Client ID: <b>P5-B3.5-F(24)MSD</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677040</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	210	2.50	200.0	5.220	102.4	75	125	216.9	3.23	20	
Barium	200	0.50	200.0	20.38	89.6	75	125	201.5	0.947	20	
Cadmium	4.71	0.20	5.000	0	94.2	75	125	4.800	1.89	20	
Chromium	40.1	1.00	20.00	17.35	113.5	75	125	37.85	5.65	20	
Lead	55.6	4.00	50.00	10.84	89.5	75	125	56.28	1.22	20	
Silver	5.33	0.55	5.000	0	106.6	75	125	5.600	4.94	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW7000 G

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>MB-61769</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137915</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61769</b>	<b>SOP 3042</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677221</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-61769</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137915</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61769</b>	<b>SOP 3042</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677222</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.59	0.600	3.000	0	86.3	80	120			
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Sample ID: <b>10070606-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137915</b>							
Client ID: <b>P5-B3.5-F(26)MS</b>	Batch ID: <b>61769</b>	<b>SOP 3042</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677259</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	1.98	1.11	2.778	0	71.2	70	130			
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Sample ID: <b>10070606-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137915</b>							
Client ID: <b>P5-B3.5-F(26)MSD</b>	Batch ID: <b>61769</b>	<b>SOP 3042</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677262</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	1.89	1.11	2.778	0	68.0	70	130	1.977	4.56	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: 10070606

Report Date: 19-Jul-10

Sample ID: <b>10070606-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>137908</b>				
Client ID: <b>P5-B3.5-F(26)MS</b>	Batch ID: <b>61805</b>	<b>SOP 3063</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677315</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.320 0.011 0.2838 0.007946 110.0 75 125

Sample ID: <b>MB-61805</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>137908</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61805</b>	<b>SOP 3063</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677316</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-61805</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>137908</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61805</b>	<b>SOP 3063</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677317</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.276 0.010 0.2500 0 110.4 85 115

Sample ID: <b>10070606-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>137908</b>				
Client ID: <b>P5-B3.5-F(26)MSD</b>	Batch ID: <b>61805</b>	<b>SOP 3063</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677318</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.342 0.011 0.2838 0.007946 117.6 75 125 0.3201 6.52 15

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8015M/OA2**

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>MB-61800</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137920</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61800</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677420</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	0.49		0.6700		73.0	54.8	128				

Sample ID: <b>LCS-61800</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137920</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61800</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677421</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	12.0	5.00	16.70	0	71.6	40.4	121				
Surr: n-Tetracontane	0.45		0.6700		66.9	54.8	128				

Sample ID: <b>10070606-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137920</b>							
Client ID: <b>P5-B3.5-F(24)MS</b>	Batch ID: <b>61800</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677423</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	21.2	5.57	18.61	5.670	83.5	20.3	167				
Surr: n-Tetracontane	0.58		0.7465		77.4	53.9	153				

Sample ID: <b>10070606-001MSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137920</b>							
Client ID: <b>P5-B3.5-F(24)MSD</b>	Batch ID: <b>61800</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677424</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	22.3	5.62	18.78	5.670	88.8	20.3	167	21.21	5.24	34	
Surr: n-Tetracontane	0.64		0.7535		85.0	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: 10070606

Report Date: 19-Jul-10

Sample ID: LCS-G100716-1	SampType: LCS	Units: µg/Kg				Prep Date: 7/15/2010	RunNo: 137913				
Client ID: ZZZZZZ	Batch ID: 61811	SW5035				Analysis Date: 7/16/2010	SeqNo: 2677203				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.2	5.00	50.00	0	100.3	0	200				
1,1,1-Trichloroethane	47.9	5.00	50.00	0	95.7	85.8	124				
1,1,2,2-Tetrachloroethane	46.8	5.00	50.00	0	93.6	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	46.5	5.00	50.00	0	93.0	0	200				
1,1,2-Trichloroethane	48.0	5.00	50.00	0	95.9	0	200				
1,1-Dichloro-2-propanone	107	50.0	125.0	0	85.8	0	200				
1,1-Dichloroethane	47.1	5.00	50.00	0	94.2	0	200				
1,1-Dichloroethene	45.2	5.00	50.00	0	90.5	60.1	131				
1,1-Dichloropropene	48.3	5.00	50.00	0	96.5	0	200				
1,2,3-Trichlorobenzene	56.6	5.00	50.00	0	113.3	0	200				
1,2,3-Trichloropropane	46.0	10.0	50.00	0	91.9	0	200				
1,2,3-Trimethylbenzene	50.5	5.00	50.00	0	101.0	0	200				
1,2,4-Trichlorobenzene	59.6	5.00	50.00	0	119.2	0	200				
1,2,4-Trimethylbenzene	51.7	5.00	50.00	0	103.5	0	200				
1,2-Dibromo-3-chloropropane	48.4	5.00	50.00	0	96.9	0	200				
1,2-Dibromoethane	48.3	5.00	50.00	0	96.6	86.9	119				
1,2-Dichlorobenzene	50.0	5.00	50.00	0	100.1	88	119				
1,2-Dichloroethane	46.0	5.00	50.00	0	91.9	73	117				
1,2-Dichloropropane	48.5	5.00	50.00	0	96.9	0	200				
1,3,5-Trimethylbenzene	50.1	5.00	50.00	0	100.2	0	200				
1,3-Dichlorobenzene	51.3	5.00	50.00	0	102.5	85.8	125				
1,3-Dichloropropane	47.0	5.00	50.00	0	94.0	0	200				
1,4-Dichlorobenzene	50.9	5.00	50.00	0	101.7	84.5	124				
1-Chlorobutane	45.4	5.00	50.00	0	90.8	0	200				
2,2-Dichloropropane	48.2	5.00	50.00	0	96.4	0	200				
2-Butanone	130	50.0	125.0	0	103.9	45.3	136				
2-Chlorotoluene	49.3	5.00	50.00	0	98.6	0	200				
2-Hexanone	141	50.0	125.0	0	112.8	0	200				
2-Nitropropane	50.8	50.0	50.00	0	101.6	0	200				
4-Chlorotoluene	50.7	5.00	50.00	0	101.5	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>LCS-G100716-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677203</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	123	50.0	125.0	0	98.6	0	200				
Acetone	175	50.0	125.0	0	139.6	0	200				
Acetonitrile	50	100	50.00	0	100.5	0	200				J
Acrolein	904	100	250.0	0	361.5	0	400				
Acrylonitrile	43.0	10.0	50.00	0	86.0	0	200				
Allyl chloride	45.3	5.00	50.00	0	90.7	0	200				
Benzene	47.6	1.00	50.00	0	95.1	73.9	109				
Bromobenzene	49.7	5.00	50.00	0	99.5	0	200				
Bromochloromethane	46.4	5.00	50.00	0	92.8	0	200				
Bromodichloromethane	49.0	5.00	50.00	0	98.0	91.3	126				
Bromoform	49.8	5.00	50.00	0	99.7	0	200				
Bromomethane	37.2	10.0	50.00	0	74.4	0	200				
Carbon disulfide	43.6	5.00	50.00	0	87.1	0	200				
Carbon tetrachloride	48.7	5.00	50.00	0	97.4	83.3	127				
Chlorobenzene	49.6	5.00	50.00	0	99.1	85.8	116				
Chloroethane	41.9	10.0	50.00	0	83.7	0	200				
Chloroform	48.4	5.00	50.00	0	96.8	80	113				
Chloromethane	28.7	10.0	50.00	0	57.3	0	200				
cis-1,2-Dichloroethene	48.5	5.00	50.00	0	96.9	0	200				
cis-1,3-Dichloropropene	49.6	4.00	50.00	0	99.2	0	200				
Cyclohexanone	322	100	250.0	0	128.6	0	200				
Dibromochloromethane	50.0	5.00	50.00	0	100	89.1	119				
Dibromomethane	47.5	5.00	50.00	0	95.0	0	200				
Dichlorodifluoromethane	18.5	10.0	50.00	0	37.0	0	200				
Ethyl acetate	46	50.0	50.00	0	91.7	0	200				J
Ethyl ether	46.0	5.00	50.00	0	92.0	0	200				
Ethyl methacrylate	52.7	5.00	50.00	0	105.4	0	200				
Ethylbenzene	50.1	5.00	50.00	0	100.1	84.1	115				
Heptane	49.3	20.0	50.00	0	98.6	0	200				
Hexachlorobutadiene	53.9	5.00	50.00	0	107.9	0	200				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>LCS-G100716-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677203</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	49.9	5.00	50.00	0	99.9	0	200				
Iodomethane	48.4	10.0	50.00	0	96.8	0	200				
Isopropylbenzene	50.7	5.00	50.00	0	101.4	0	200				
m,p-Xylenes	102	5.00	100.0	0	102.0	79.1	111				
Methacrylonitrile	44	50.0	50.00	0	88.8	0	200				J
Methyl Methacrylate	50.0	5.00	50.00	0	100.1	0	200				
Methyl tert-butyl ether	48.0	2.00	50.00	0	96.0	80	128				
Methylacrylate	46.2	10.0	50.00	0	92.4	0	200				
Methylene chloride	45.0	5.00	50.00	0	90.1	73.9	116				
Naphthalene	53.5	10.0	50.00	0	107.0	73.1	135				
n-Butylbenzene	56.3	5.00	50.00	0	112.6	0	200				
n-Hexane	45.9	20.0	50.00	0	91.9	0	200				
Nitrobenzene	51	100	50.00	0	101.4	0	200				J
n-Propylbenzene	51.1	5.00	50.00	0	102.2	0	200				
o-Xylene	49.8	5.00	50.00	0	99.6	82	117				
Pentachloroethane	52.5	5.00	50.00	0	104.9	0	200				
p-Isopropyltoluene	50.5	5.00	50.00	0	101.1	0	200				
Propionitrile	50.6	50.0	50.00	0	101.1	0	200				
sec-Butylbenzene	51.2	5.00	50.00	0	102.5	0	200				
Styrene	52.7	5.00	50.00	0	105.4	0	200				
tert-Butylbenzene	49.4	5.00	50.00	0	98.9	0	200				
Tetrachloroethene	50.8	5.00	50.00	0	101.6	74.6	115				
Tetrahydrofuran	45	50.0	50.00	0	90.4	0	200				J
Toluene	47.9	5.00	50.00	0	95.8	79.1	112				
trans-1,2-Dichloroethene	46.8	5.00	50.00	0	93.6	0	200				
trans-1,3-Dichloropropene	48.9	4.00	50.00	0	97.8	0	200				
trans-1,4-Dichloro-2-butene	46.2	10.0	50.00	0	92.4	0	200				
Trichloroethene	50.6	5.00	50.00	0	101.2	81	111				
Trichlorofluoromethane	42.2	5.00	50.00	0	84.4	0	200				
Vinyl acetate	49	50.0	50.00	0	98.1	0	200				J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>LCS-G100716-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677203</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	35.4	2.00	50.00	0	70.8	0	200				
Surr: 1,2-Dichloroethane-d4	47.3		50.00		94.6	72.2	131				
Surr: 4-Bromofluorobenzene	50.7		50.00		101.3	82.1	116				
Surr: Dibromofluoromethane	50.2		50.00		100.5	77.7	120				
Surr: Toluene-d8	49.5		50.00		99.0	86	116				

Sample ID: <b>LCSD-G100716-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677204</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	51.7	5.00	50.00	0	103.4	0	200	50.16	3.00	20	
1,1,1-Trichloroethane	49.4	5.00	50.00	0	98.8	85.8	124	47.86	3.13	20	
1,1,2,2-Tetrachloroethane	52.2	5.00	50.00	0	104.3	0	200	46.82	10.8	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	47.4	5.00	50.00	0	94.9	0	200	46.49	2.02	20	
1,1,2-Trichloroethane	51.6	5.00	50.00	0	103.2	0	200	47.97	7.25	20	
1,1-Dichloro-2-propanone	124	50.0	125.0	0	99.1	0	200	107.3	14.3	20	
1,1-Dichloroethane	48.2	5.00	50.00	0	96.4	0	200	47.11	2.29	20	
1,1-Dichloroethene	45.8	5.00	50.00	0	91.7	60.1	131	45.25	1.32	20	
1,1-Dichloropropene	49.8	5.00	50.00	0	99.7	0	200	48.26	3.24	20	
1,2,3-Trichlorobenzene	56.2	5.00	50.00	0	112.3	0	200	56.65	0.869	20	
1,2,3-Trichloropropane	51.6	10.0	50.00	0	103.1	0	200	45.96	11.5	20	
1,2,3-Trimethylbenzene	51.4	5.00	50.00	0	102.9	0	200	50.52	1.80	20	
1,2,4-Trichlorobenzene	58.4	5.00	50.00	0	116.7	0	200	59.60	2.10	20	
1,2,4-Trimethylbenzene	52.7	5.00	50.00	0	105.3	0	200	51.73	1.80	20	
1,2-Dibromo-3-chloropropane	55.8	5.00	50.00	0	111.7	0	200	48.43	14.2	20	
1,2-Dibromoethane	52.2	5.00	50.00	0	104.3	86.9	119	48.28	7.71	20	
1,2-Dichlorobenzene	50.8	5.00	50.00	0	101.6	88	119	50.05	1.47	20	
1,2-Dichloroethane	48.7	5.00	50.00	0	97.4	73	117	45.96	5.77	20	
1,2-Dichloropropane	50.0	5.00	50.00	0	100.1	0	200	48.47	3.19	20	
1,3,5-Trimethylbenzene	51.6	5.00	50.00	0	103.1	0	200	50.12	2.81	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>LCS-D-G100716-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677204</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	51.8	5.00	50.00	0	103.6	85.8	125	51.27	1.03	20	
1,3-Dichloropropane	50.2	5.00	50.00	0	100.4	0	200	47.01	6.60	20	
1,4-Dichlorobenzene	51.7	5.00	50.00	0	103.4	84.5	124	50.87	1.58	20	
1-Chlorobutane	46.7	5.00	50.00	0	93.4	0	200	45.42	2.76	20	
2,2-Dichloropropane	49.4	5.00	50.00	0	98.8	0	200	48.20	2.48	20	
2-Butanone	147	50.0	125.0	0	117.9	45.3	136	129.9	12.6	20	
2-Chlorotoluene	50.3	5.00	50.00	0	100.7	0	200	49.29	2.09	20	
2-Hexanone	153	50.0	125.0	0	122.7	0	200	141.0	8.41	20	
2-Nitropropane	50	50.0	50.00	0	99.6	0	200	50.80	0	20	J
4-Chlorotoluene	51.5	5.00	50.00	0	103.0	0	200	50.73	1.53	20	
4-Methyl-2-pentanone	138	50.0	125.0	0	110.2	0	200	123.3	11.0	20	
Acetone	198	50.0	125.0	0	158.3	0	200	174.5	12.5	20	
Acetonitrile	58	100	50.00	0	116.9	0	200	50.24	0	20	J
Acrolein	922	100	250.0	0	368.7	0	400	903.7	1.99	20	
Acrylonitrile	50.4	10.0	50.00	0	100.8	0	200	42.99	15.9	20	
Allyl chloride	45.9	5.00	50.00	0	91.9	0	200	45.34	1.29	20	
Benzene	49.1	1.00	50.00	0	98.1	73.9	109	47.56	3.10	20	
Bromobenzene	50.9	5.00	50.00	0	101.9	0	200	49.73	2.40	20	
Bromochloromethane	49.1	5.00	50.00	0	98.2	0	200	46.41	5.65	20	
Bromodichloromethane	51.2	5.00	50.00	0	102.5	91.3	126	49.01	4.45	20	
Bromoform	55.0	5.00	50.00	0	109.9	0	200	49.83	9.81	20	
Bromomethane	36.4	10.0	50.00	0	72.7	0	200	37.20	2.26	20	
Carbon disulfide	44.0	5.00	50.00	0	88.0	0	200	43.57	0.937	20	
Carbon tetrachloride	50.5	5.00	50.00	0	101.1	83.3	127	48.72	3.65	20	
Chlorobenzene	50.7	5.00	50.00	0	101.4	85.8	116	49.55	2.31	20	
Chloroethane	41.8	10.0	50.00	0	83.7	0	200	41.86	0.0478	20	
Chloroform	50.3	5.00	50.00	0	100.6	80	113	48.38	3.93	20	
Chloromethane	27.4	10.0	50.00	0	54.9	0	200	28.67	4.38	20	
cis-1,2-Dichloroethene	50.3	5.00	50.00	0	100.6	0	200	48.47	3.75	20	
cis-1,3-Dichloropropene	52.0	4.00	50.00	0	104.0	0	200	49.62	4.72	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>LCSD-G100716-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677204</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyclohexanone	304	100	250.0	0	121.4	0	200	321.6	5.75	20	
Dibromochloromethane	52.8	5.00	50.00	0	105.6	89.1	119	50.01	5.39	20	
Dibromomethane	51.0	5.00	50.00	0	101.9	0	200	47.52	6.99	20	
Dichlorodifluoromethane	17.8	10.0	50.00	0	35.6	0	200	18.49	3.92	20	
Ethyl acetate	51.6	50.0	50.00	0	103.2	0	200	45.83	11.9	20	
Ethyl ether	48.7	5.00	50.00	0	97.3	0	200	46.02	5.60	20	
Ethyl methacrylate	56.2	5.00	50.00	0	112.5	0	200	52.68	6.52	20	
Ethylbenzene	51.2	5.00	50.00	0	102.4	84.1	115	50.06	2.25	20	
Heptane	49.6	20.0	50.00	0	99.2	0	200	49.31	0.546	20	
Hexachlorobutadiene	52.9	5.00	50.00	0	105.7	0	200	53.93	1.99	20	
Hexachloroethane	50.9	5.00	50.00	0	101.9	0	200	49.94	1.98	20	
Iodomethane	49.0	10.0	50.00	0	98.0	0	200	48.38	1.23	20	
Isopropylbenzene	51.5	5.00	50.00	0	103.1	0	200	50.72	1.60	20	
m,p-Xylenes	103	5.00	100.0	0	103.2	79.1	111	102.0	1.16	20	
Methacrylonitrile	50.5	50.0	50.00	0	100.9	0	200	44.40	12.8	20	
Methyl Methacrylate	55.9	5.00	50.00	0	111.9	0	200	50.05	11.1	20	
Methyl tert-butyl ether	52.0	2.00	50.00	0	103.9	80	128	48.01	7.88	20	
Methylacrylate	53.4	10.0	50.00	0	106.8	0	200	46.20	14.5	20	
Methylene chloride	46.6	5.00	50.00	0	93.3	73.9	116	45.05	3.47	20	
Naphthalene	55.5	10.0	50.00	0	111.0	73.1	135	53.48	3.74	20	
n-Butylbenzene	56.2	5.00	50.00	0	112.4	0	200	56.28	0.142	20	
n-Hexane	46.0	20.0	50.00	0	91.9	0	200	45.93	0.0653	20	
Nitrobenzene	40	100	50.00	0	80.6	0	200	50.68	0	20	J
n-Propylbenzene	51.7	5.00	50.00	0	103.4	0	200	51.09	1.19	20	
o-Xylene	50.5	5.00	50.00	0	101.0	82	117	49.81	1.40	20	
Pentachloroethane	53.8	5.00	50.00	0	107.6	0	200	52.47	2.50	20	
p-Isopropyltoluene	51.4	5.00	50.00	0	102.8	0	200	50.54	1.65	20	
Propionitrile	52.8	50.0	50.00	0	105.6	0	200	50.56	4.37	20	
sec-Butylbenzene	51.9	5.00	50.00	0	103.9	0	200	51.25	1.32	20	
Styrene	53.8	5.00	50.00	0	107.6	0	200	52.71	2.01	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>LCS D-G100716-1</b>		SampType: <b>LCS D</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/15/2010</b>			RunNo: <b>137913</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61811</b>		<b>SW5035</b>		Analysis Date: <b>7/16/2010</b>			SeqNo: <b>2677204</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
tert-Butylbenzene	50.1	5.00	50.00	0	100.1	0	200	49.45	1.25	20	
Tetrachloroethene	51.7	5.00	50.00	0	103.4	74.6	115	50.81	1.72	20	
Tetrahydrofuran	52.3	50.0	50.00	0	104.7	0	200	45.18	14.7	20	
Toluene	49.0	5.00	50.00	0	98.0	79.1	112	47.89	2.31	20	
trans-1,2-Dichloroethene	47.7	5.00	50.00	0	95.4	0	200	46.81	1.93	20	
trans-1,3-Dichloropropene	51.9	4.00	50.00	0	103.8	0	200	48.89	5.95	20	
trans-1,4-Dichloro-2-butene	51.6	10.0	50.00	0	103.2	0	200	46.21	11.0	20	
Trichloroethene	51.9	5.00	50.00	0	103.8	81	111	50.61	2.52	20	
Trichlorofluoromethane	43.2	5.00	50.00	0	86.5	0	200	42.20	2.41	20	
Vinyl acetate	55.1	50.0	50.00	0	110.1	0	200	49.04	11.6	20	
Vinyl chloride	34.9	2.00	50.00	0	69.8	0	200	35.39	1.34	20	
Surr: 1,2-Dichloroethane-d4	48.6		50.00		97.3	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.0		50.00		100	82.1	116		0	20	
Surr: Dibromofluoromethane	50.5		50.00		101.0	77.7	120		0	20	
Surr: Toluene-d8	49.4		50.00		98.9	86	116		0	20	

Sample ID: <b>LCS G-G100716-1</b>		SampType: <b>LCS G</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/15/2010</b>			RunNo: <b>137913</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61811</b>		<b>SW5035</b>		Analysis Date: <b>7/16/2010</b>			SeqNo: <b>2677206</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	1910	1000	2000	0	95.4	70	130				
Surr: 1,2-Dichloroethane-d4	48.6		50.00		97.1	61	128				
Surr: 4-Bromofluorobenzene	50.9		50.00		101.9	78.2	117				
Surr: Dibromofluoromethane	48.4		50.00		96.9	66.6	130				
Surr: Toluene-d8	49.7		50.00		99.4	80.1	122				

Sample ID: <b>LCS GD-G100716-1</b>		SampType: <b>LCS GD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/15/2010</b>			RunNo: <b>137913</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61811</b>		<b>SW5035</b>		Analysis Date: <b>7/16/2010</b>			SeqNo: <b>2677207</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

Test Number: SW8260B

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>LCSGD-G100716-1</b>	SampType: <b>LCSGD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677207</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	93.8	70	130	1908	1.74	20	
Surr: 1,2-Dichloroethane-d4	47.4		50.00		94.9	61	128		0	0	
Surr: 4-Bromofluorobenzene	50.1		50.00		100.1	78.2	117		0	0	
Surr: Dibromofluoromethane	48.5		50.00		97.0	66.6	130		0	0	
Surr: Toluene-d8	49.3		50.00		98.6	80.1	122		0	0	

Sample ID: <b>MBLK-G100716-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677208</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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>MBLK-G100716-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677208</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>MBLK-G100716-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677208</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
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									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070606

Report Date: 19-Jul-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MBLK-G100716-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677208</b>							
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	48.0		50.00		95.9	72.2	131				
Surr: 4-Bromofluorobenzene	49.7		50.00		99.5	82.1	116				
Surr: Dibromofluoromethane	48.7		50.00		97.4	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

Test Number: SW8270C

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>MB-61792</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137902</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677055</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>MB-61792</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137902</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677055</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	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>MB-61792</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137902</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677055</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.77		1.670		106.2	52.1	113				
Surr: 2-Fluorobiphenyl	0.840		0.8350		100.6	46.3	106				
Surr: 2-Fluorophenol	1.42		1.670		85.2	50.6	89				
Surr: Nitrobenzene-d5	0.784		0.8350		93.9	42.4	99.2				
Surr: Phenol-d5	1.48		1.670		88.6	55.9	98.5				
Surr: p-Terphenyl-d14	0.938		0.8350		112.3	45.5	115				

Sample ID: <b>LCS-61792</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137902</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677056</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.50	0.500	1.670	0	89.7	43.9	92.2				
1,4-Dichlorobenzene	1.32	0.500	1.670	0	79.1	43.8	84.1				
2,4,5-Trichlorophenol	3.55	0.350	3.330	0	106.7	38.6	123				
2,4,6-Trichlorophenol	3.48	0.350	3.330	0	104.6	35.9	123				
2,4-Dimethylphenol	3.29	0.500	3.330	0	98.9	38.3	88				S
2,4-Dinitrophenol	3.47	1.00	3.330	0	104.1	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: 10070606

Report Date: 19-Jul-10

Sample ID: <b>LCS-61792</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137902</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677056</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.56	0.350	1.670	0	93.5	48.6	102				
2-Chlorophenol	2.92	0.500	3.330	0	87.6	46.6	84				S
4-Chloro-3-methylphenol	3.51	0.500	3.330	0	105.3	51.5	94.9				S
4-Nitrophenol	3.95	0.350	3.330	0	118.5	53.2	104				S
Acenaphthene	1.51	0.350	1.670	0	90.2	50.8	113				
Acenaphthylene	1.61	0.350	1.670	0	96.3	52.8	121				
Anthracene	1.49	0.350	1.670	0	89.1	53.3	115				
Benzo(a)anthracene	1.41	0.350	1.670	0	84.5	62.3	110				
Benzo(a)pyrene	1.50	0.350	1.670	0	89.7	58.2	109				
Benzo(b)fluoranthene	1.52	0.350	1.670	0	90.8	51.8	107				
Benzo(g,h,i)perylene	1.48	0.350	1.670	0	88.9	49.6	121				
Benzo(k)fluoranthene	1.66	0.350	1.670	0	99.4	63.1	129				
Bis(2-ethylhexyl)phthalate	1.64	0.350	1.670	0	98.3	56.3	109				
Chrysene	1.50	0.350	1.670	0	89.8	58.4	115				
Dibenzo(a,h)anthracene	1.51	0.350	1.670	0	90.3	54.9	120				
Diethyl phthalate	2.90	0.500	3.330	0	87.1	51.7	106				
Dimethyl phthalate	2.76	0.350	3.330	0	82.9	58.8	104				
Di-n-butyl phthalate	1.61	0.350	1.670	0	96.5	54.3	105				
Fluoranthene	1.60	0.350	1.670	0	95.5	61.6	113				
Fluorene	1.50	0.350	1.670	0	89.8	52.2	116				
Hexachlorobenzene	3.03	0.350	3.330	0	91.0	55.9	106				
Hexachlorobutadiene	2.79	0.500	3.330	0	83.9	35.7	100				
Hexachloroethane	2.53	0.500	3.330	0	76.1	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.50	0.350	1.670	0	89.6	52.7	115				
m,p-Cresol	1.60	0.500	1.670	0	95.7	37.6	93.7				S
Naphthalene	1.48	0.350	1.670	0	88.4	45.7	101				
Nitrobenzene	2.71	0.500	3.330	0	81.5	51.8	104				
N-Nitroso-di-n-propylamine	1.33	0.500	1.670	0	79.5	49.1	94.5				
o-Cresol	1.60	0.500	1.670	0	95.9	43	101				
Pentachlorophenol	4.49	2.00	3.330	0	134.8	42.2	102				S

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>LCS-61792</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/15/2010</b>		RunNo: <b>137902</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61792</b>		<b>SW3550B</b>		Analysis Date: <b>7/16/2010</b>		SeqNo: <b>2677056</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.57	0.350	1.670	0	93.8	52.9	113				
Phenol	2.92	0.350	3.330	0	87.6	41.6	81.3				S
Pyrene	1.55	0.500	1.670	0	92.8	60.7	115				
Pyridine	1.94	0.500	3.330	0	58.4	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.75		1.670		104.7	52.1	113				
Surr: 2-Fluorobiphenyl	0.750		0.8350		89.8	46.3	106				
Surr: 2-Fluorophenol	1.37		1.670		82.1	50.6	89				
Surr: Nitrobenzene-d5	0.703		0.8350		84.1	42.4	99.2				
Surr: Phenol-d5	1.41		1.670		84.5	55.9	98.5				
Surr: p-Terphenyl-d14	0.851		0.8350		101.9	45.5	115				

Sample ID: <b>10070606-002AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137902</b>			
Client ID: <b>P5-B3.5-F(26)MS</b>		Batch ID: <b>61792</b>		<b>SW3550B</b>		Analysis Date: <b>7/16/2010</b>		SeqNo: <b>2677059</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.56	0.566	1.891	0	82.2	35.9	102				
1,4-Dichlorobenzene	1.34	0.566	1.891	0	70.6	29.8	95.5				
2,4,5-Trichlorophenol	3.21	0.396	3.771	0	85.0	38.6	123				
2,4,6-Trichlorophenol	3.28	0.396	3.771	0	86.9	35.9	123				
2,4-Dimethylphenol	3.22	0.566	3.771	0	85.3	38.3	88				
2,4-Dinitrophenol	2.33	1.13	3.771	0	61.8	1.88	162				
2,4-Dinitrotoluene	1.73	0.396	1.891	0	91.4	37.5	107				
2-Chlorophenol	2.69	0.566	3.771	0	71.4	22.6	108				
4-Chloro-3-methylphenol	3.30	0.566	3.771	0	87.6	19.3	131				
4-Nitrophenol	3.59	0.396	3.771	0	95.2	27.6	123				
Diethyl phthalate	3.17	0.566	3.771	0	84.2	51.7	106				
Surr: 2,4,6-Tribromophenol	0.953		1.891		50.4	32.7	130				
Surr: 2-Fluorobiphenyl	0.282		0.9457		29.8	34.1	116				S
Surr: 2-Fluorophenol	0.979		1.891		51.7	30.5	99				
Surr: Nitrobenzene-d5	0.444		0.9457		47.0	34.1	101				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>10070606-002AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137902</b>							
Client ID: <b>P5-B3.5-F(26)MS</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677059</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: p-Terphenyl-d14                      0.820                      0.9457                      86.7                      41.7                      124

Sample ID: <b>10070606-002AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137902</b>							
Client ID: <b>P5-B3.5-F(26)MSD</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677060</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2,4-Trichlorobenzene	1.46	0.566	1.889	0	77.5	35.9	102	1.556	6.08	40
1,4-Dichlorobenzene	1.19	0.566	1.889	0	63.1	29.8	95.5	1.335	11.3	40
2,4,5-Trichlorophenol	3.14	0.396	3.768	0	83.4	38.6	123	3.207	1.99	40
2,4,6-Trichlorophenol	3.20	0.396	3.768	0	84.9	35.9	123	3.279	2.47	40
2,4-Dimethylphenol	3.14	0.566	3.768	0	83.4	38.3	88	3.216	2.27	40
2,4-Dinitrophenol	2.36	1.13	3.768	0	62.6	1.88	162	2.329	1.32	40
2,4-Dinitrotoluene	1.75	0.396	1.889	0	92.6	37.5	107	1.729	1.17	40
2-Chlorophenol	2.53	0.566	3.768	0	67.1	22.6	108	2.691	6.28	40
4-Chloro-3-methylphenol	3.28	0.566	3.768	0	87.2	19.3	131	3.304	0.565	40
4-Nitrophenol	3.71	0.396	3.768	0	98.4	27.6	123	3.591	3.21	40
Diethyl phthalate	3.25	0.566	3.768	0	86.3	51.7	106	3.175	2.39	40
Surr: 2,4,6-Tribromophenol	1.43		1.889		75.7	32.7	130		0	40
Surr: 2-Fluorobiphenyl	0.519		0.9447		54.9	34.1	116		0	40
Surr: 2-Fluorophenol	1.13		1.889		59.9	30.5	99		0	40
Surr: Nitrobenzene-d5	0.574		0.9447		60.8	34.1	101		0	40
Surr: p-Terphenyl-d14	0.891		0.9447		94.3	41.7	124		0	40

Sample ID: <b>MB-61795</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137940</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61795</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2010</b>	SeqNo: <b>2677930</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								

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>MB-61795</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137940</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61795</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2010</b>	SeqNo: <b>2677930</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.542		0.8330		65.1	17.5	123				
Surr: 2-Fluorophenol	1.03		1.670		61.8	23	117				
Surr: Nitrobenzene-d5	0.581		0.8330		69.7	35	105				
Surr: Phenol-d5	1.09		1.670		65.1	33.2	125				
Surr: p-Terphenyl-d14	0.643		0.8330		77.1	53.6	122				

Sample ID: <b>LCS-61795</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137940</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61795</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2010</b>	SeqNo: <b>2677931</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.107	0.003	0.1670	0	64.2	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: 10070606

Report Date: 19-Jul-10

Sample ID: LCS-61795	SampType: LCS	Units: mg/Kg				Prep Date: 7/16/2010	RunNo: 137940				
Client ID: ZZZZZZ	Batch ID: 61795	SW3550B				Analysis Date: 7/17/2010	SeqNo: 2677931				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthylene	0.104	0.003	0.1670	0	62.5	60.3	143				
Anthracene	0.101	0.003	0.1670	0	60.6	52.1	109				
Benzo(a)anthracene	0.095	0.003	0.1670	0	57.1	52.8	112				
Benzo(a)pyrene	0.098	0.003	0.1670	0	58.7	40.8	127				
Benzo(b)fluoranthene	0.110	0.003	0.1670	0	65.6	50.1	150				
Benzo(g,h,i)perylene	0.108	0.003	0.1670	0	64.7	52.8	145				
Benzo(k)fluoranthene	0.106	0.003	0.1670	0	63.4	52	153				
Bis(2-ethylhexyl)phthalate	0.115	0.067	0.1670	0	68.8	50	150				
Chrysene	0.106	0.003	0.1670	0	63.7	60.8	128				
Dibenzo(a,h)anthracene	0.111	0.003	0.1670	0	66.6	54.9	150				
Diethyl phthalate	0.111	0.034	0.1670	0	66.7	50	150				
Dimethyl phthalate	0.113	0.034	0.1670	0	67.9	50	150				
Di-n-butyl phthalate	0.109	0.034	0.1670	0	65.3	50	150				
Fluoranthene	0.107	0.003	0.1670	0	64.3	58.7	125				
Fluorene	0.107	0.003	0.1670	0	64.1	57.8	125				
Indeno(1,2,3-cd)pyrene	0.111	0.003	0.1670	0	66.3	52	147				
m,p-Cresol	0.107	0.010	0.1670	0	63.9	50	150				
Naphthalene	0.102	0.003	0.1670	0	60.9	54.8	113				
o-Cresol	0.104	0.003	0.1670	0	62.4	50	150				
Phenanthrene	0.109	0.003	0.1670	0	65.0	60.4	121				
Pyrene	0.107	0.003	0.1670	0	63.8	57.9	129				
Surr: 2-Fluorobiphenyl	0.564		0.8330		67.7	35.3	113				
Surr: 2-Fluorophenol	1.15		1.670		69.0	13.6	123				
Surr: Nitrobenzene-d5	0.612		0.8330		73.5	33.9	108				
Surr: Phenol-d5	1.15		1.670		68.6	33.7	129				
Surr: p-Terphenyl-d14	0.652		0.8330		78.3	58.4	122				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>10070606-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137940</b>			
Client ID: <b>P5-B3.5-F(24)MS</b>		Batch ID: <b>61795</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2010</b>		SeqNo: <b>2677938</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.137	0.004	0.1861	0.01402	66.3	36	135				
Acenaphthylene	0.126	0.004	0.1861	0.005608	64.8	17.2	167				
Anthracene	0.127	0.004	0.1861	0.008225	63.6	39.3	124				
Benzo(a)anthracene	0.114	0.004	0.1861	0.007403	57.4	10	183				
Benzo(a)pyrene	0.120	0.004	0.1861	0.005047	61.7	10	204				
Benzo(b)fluoranthene	0.125	0.004	0.1861	0.004786	64.5	10.6	178				
Benzo(g,h,i)perylene	0.130	0.004	0.1861	0.004487	67.3	10	168				
Benzo(k)fluoranthene	0.119	0.004	0.1861	0	64.2	27.6	181				
Bis(2-ethylhexyl)phthalate	0.127	0.075	0.1861	0	68.4	50	150				
Chrysene	0.128	0.004	0.1861	0.005459	65.7	10	176				
Dibenzo(a,h)anthracene	0.128	0.004	0.1861	0	68.5	12.2	156				
Fluoranthene	0.134	0.004	0.1861	0.01024	66.5	10	227				
Fluorene	0.139	0.004	0.1861	0.01107	68.9	35.2	148				
Indeno(1,2,3-cd)pyrene	0.128	0.004	0.1861	0	68.8	10	164				
Naphthalene	0.230	0.004	0.1861	0.1166	60.7	14.7	128				
Phenanthrene	0.164	0.004	0.1861	0.02890	72.5	32.8	143				
Pyrene	0.141	0.004	0.1861	0.01406	68.3	10	180				
Surr: 2-Fluorobiphenyl	0.508		0.9285		54.7	10	131				
Surr: Nitrobenzene-d5	0.620		0.9285		66.8	10	132				
Surr: p-Terphenyl-d14	0.663		0.9285		71.5	30.6	131				

Sample ID: <b>10070606-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137940</b>			
Client ID: <b>P5-B3.5-F(24)MSD</b>		Batch ID: <b>61795</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2010</b>		SeqNo: <b>2677939</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.135	0.004	0.1864	0.01402	65.2	36	135	0.1374	1.39	49.7	
Acenaphthylene	0.118	0.004	0.1864	0.005608	60.5	17.2	167	0.1261	6.31	33.3	
Anthracene	0.125	0.004	0.1864	0.008225	62.5	39.3	124	0.1266	1.40	51.1	
Benzo(a)anthracene	0.115	0.004	0.1864	0.007403	57.8	10	183	0.1142	0.878	40.6	
Benzo(a)pyrene	0.122	0.004	0.1864	0.005047	62.8	10	204	0.1198	1.95	56.4	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>10070606-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137940</b>			
Client ID: <b>P5-B3.5-F(24)MSD</b>		Batch ID: <b>61795</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2010</b>		SeqNo: <b>2677939</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	0.126	0.004	0.1864	0.004786	65.1	10.6	178	0.1249	1.02	49.7	
Benzo(g,h,i)perylene	0.129	0.004	0.1864	0.004487	66.8	10	168	0.1298	0.553	36.5	
Benzo(k)fluoranthene	0.119	0.004	0.1864	0	63.7	27.6	181	0.1194	0.521	42.6	
Bis(2-ethylhexyl)phthalate	0.129	0.075	0.1864	0	69.1	50	150	0.1273	1.21	60.3	
Chrysene	0.125	0.004	0.1864	0.005459	64.2	10	176	0.1278	2.10	45.1	
Dibenzo(a,h)anthracene	0.127	0.004	0.1864	0	68.4	12.2	156	0.1275	0.00983	39.9	
Fluoranthene	0.134	0.004	0.1864	0.01024	66.5	10	227	0.1340	0.193	66.2	
Fluorene	0.132	0.004	0.1864	0.01107	64.9	35.2	148	0.1393	5.31	65.6	
Indeno(1,2,3-cd)pyrene	0.130	0.004	0.1864	0	69.6	10	164	0.1281	1.20	36.5	
Naphthalene	0.286	0.004	0.1864	0.1166	91.0	14.7	128	0.2296	21.9	39.6	
Phenanthrene	0.170	0.004	0.1864	0.02890	75.5	32.8	143	0.1638	3.51	35.4	
Pyrene	0.146	0.004	0.1864	0.01406	70.7	10	180	0.1411	3.33	60.1	
Surr: 2-Fluorobiphenyl	0.515		0.9300		55.3	10	131		0	40	
Surr: Nitrobenzene-d5	0.625		0.9300		67.2	10	132		0	40	
Surr: p-Terphenyl-d14	0.671		0.9300		72.2	30.6	131		0	40	

Sample ID: <b>LCS-61792</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/15/2010</b>		RunNo: <b>137943</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61792</b>		<b>SW3550B</b>		Analysis Date: <b>7/16/2010</b>		SeqNo: <b>2677958</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.27	0.0340	1.670	0	76.1	50.8	113				
Acenaphthylene	1.31	0.0340	1.670	0	78.5	52.8	121				
Anthracene	1.29	0.0340	1.670	0	77.4	53.3	115				
Benzo(a)anthracene	1.23	0.0340	1.670	0	73.4	62.3	110				
Benzo(a)pyrene	1.42	0.0340	1.670	0	84.9	58.2	109				
Benzo(b)fluoranthene	1.42	0.0340	1.670	0	85.3	51.8	107				
Benzo(g,h,i)perylene	1.33	0.0340	1.670	0	79.6	49.6	121				
Benzo(k)fluoranthene	1.53	0.0340	1.670	0	91.8	63.1	129				
Chrysene	1.30	0.0340	1.670	0	77.8	58.4	115				
Dibenzo(a,h)anthracene	1.46	0.0340	1.670	0	87.1	54.9	120				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>LCS-61792</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137943</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677958</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	1.52	0.0340	1.670	0	91.1	61.6	113				
Fluorene	1.39	0.0340	1.670	0	83.1	52.2	116				
Indeno(1,2,3-cd)pyrene	1.43	0.0340	1.670	0	85.5	52.7	115				
Naphthalene	1.34	0.0340	1.670	0	80.0	45.7	101				
Phenanthrene	1.34	0.0340	1.670	0	80.4	52.9	113				
Pyrene	1.45	0.0340	1.670	0	86.9	60.7	115				
Surr: 2-Fluorobiphenyl	0.864		0.8350		103.5	46.3	106				
Surr: Nitrobenzene-d5	0.597		0.8350		71.5	42.4	99.2				
Surr: p-Terphenyl-d14	0.887		0.8350		106.2	45.5	115				

Sample ID: <b>LCSDRO-61792</b>	SampType: <b>LCS</b>	Units: <b>%REC</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137943</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677959</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.813		0.8350		97.3	46.3	106				
Surr: Nitrobenzene-d5	0.599		0.8350		71.8	42.4	99.2				
Surr: p-Terphenyl-d14	0.903		0.8350		108.1	45.5	115				

Sample ID: <b>MB-61792</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137943</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677964</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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>MB-61792</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137943</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677964</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	0.728		0.8350		87.2	46.3	106				
Surr: Nitrobenzene-d5	0.554		0.8350		66.3	42.4	99.2				
Surr: p-Terphenyl-d14	0.787		0.8350		94.2	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW9014**

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>MB-61823</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137939</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61823</b>	<b>SW9010</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2678639</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.50 0.50

Sample ID: <b>LCS-61823</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137939</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61823</b>	<b>SW9010</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2678640</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 9.52 0.50 10.00 0 95.2 85 115

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW9014 (A)**

Lab Order: 10070606

Report Date: 19-Jul-10

Sample ID: <b>MB-61824</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137939</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61824</b>	<b>SOP2092</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2678641</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide, Amenable to Chlorination < 0.50 0.50

Sample ID: <b>LCS-61824</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137939</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61824</b>	<b>SOP2092</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2678642</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide, Amenable to Chlorination 9.55 0.50 10.00 0 95.5 85 115

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10070606

**Report Date:** 19-Jul-10

Carrier: Sean Spinner

Received By: DB

Completed by:



Reviewed by:



On:

15-Jul-10

Elizabeth A. Hurley

On:

16-Jul-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 11.0
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.





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 09900

10070606

Project Name: Amena Champaign Project Mgr.: P. Szazama  
 Project Number: 644-0908-0120 Cost Code: J0002  
 Sampler(s): J. Crompton  
 Laboratory Name: Teklab  
 Location: Collinsville

Sample Number and (depth)	Date	Time	Matrix					Total Number of Containers
			Soil	Water	Air	Wipes	Other *	
PS-A5-W(20)	7-15-10	0850	X					6
PS-A5-W(20)	7-15-10	0903	X					6
PS-A5-W(20)	7-15-10	0920	X					6
PS-B3.5-F(20)	7/15/10	1320	X					6
PS-B3.5-F(20)	7/15/10	1330	X					6

Analyses by Method Name and Number

Method Name	Analysis
VOCs 8160	X
SWCs 8270	X
SWCs 8370 SW	X
KOA Metals	X
Aerobic + Total CHLORIDE	X
TPH (oil)	X

Sample Number and (depth)	Date	Time	Matrix	Total Number of Containers	Comments (Field PID)	Lab ID #s
PS-A5-W(20)	7-15-10	0850	X	6		
PS-A5-W(20)	7-15-10	0903	X	6		
PS-A5-W(20)	7-15-10	0920	X	6		
PS-B3.5-F(20)	7/15/10	1320	X	6	RUSH #	10070606-001
PS-B3.5-F(20)	7/15/10	1330	X	6	RUSH #	002

Teklab, Inc.  
Courier Pick Up

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  Other

Fax and/or Mail Results to: P. Szazama and G. Howell

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: 7/15/10 Time: 14:15

Signature: [Signature] Date: 7/15/10 Time: 1725

Received by:

Signature: [Signature] Date: 7/15/10 Time: 1415

Signature: [Signature] Date: 7/15/10 Time: +745

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

July 23, 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:** 10070607

Dear Pete Sazama:

TEKLAB, INC received 3 samples on 7/15/2010 5:25:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. 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:** 10070607

**Report Date:** 23-Jul-10

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
10070607-001	P5-A5-W(20)	5	7/15/2010 8:50:00 AM
10070607-002	P5-A4-W(20)	5	7/15/2010 9:03:00 AM
10070607-003	P5-A3-W(20)	5	7/15/2010 9:20:00 AM

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ENVIRONMENTAL TESTING LABORATORY

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**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10070607

**Report Date:** 23-Jul-10

**Cooler Receipt Temp:** 6.0 °C

### State accreditations:

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

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

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

**Surr** - Surrogate Standard added by lab

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

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

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

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

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

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

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

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

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10070607

**Client Sample ID:** P5-A5-W(20)

**Lab ID:** 10070607-001

**Collection Date:** 7/15/2010 8:50:00 AM

**Report Date:** 23-Jul-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		15.2	%	1	7/15/2010 6:00:00 PM	DLW
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		84.8	%	1	7/15/2010 6:00:00 PM	DLW
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		5.32	mg/Kg-dry	1	7/19/2010 10:50:36 PM	LAL
Barium	NELAP	0.49		16.0	mg/Kg-dry	1	7/16/2010 6:09:41 PM	LAL
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	7/19/2010 10:50:36 PM	LAL
Chromium	NELAP	0.98		15.1	mg/Kg-dry	1	7/16/2010 6:09:41 PM	LAL
Lead	NELAP	3.92		8.76	mg/Kg-dry	1	7/20/2010 3:58:02 PM	JMW
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	7/16/2010 6:09:41 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	7/16/2010 1:25:38 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.202		1.07	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Acenaphthylene	NELAP	0.202		6.69	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Anthracene	NELAP	0.202		4.19	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Benzo(a)anthracene	NELAP	0.202		2.37	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Benzo(a)pyrene	NELAP	0.202		2.29	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.202		1.72	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.202		1.10	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.202		0.543	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	3.98		ND	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Chrysene	NELAP	0.202		2.34	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.202		0.253	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Fluoranthene	NELAP	0.202		4.75	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Fluorene	NELAP	0.202		3.96	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.202		0.786	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Naphthalene	NELAP	0.202		18.6	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Phenanthrene	NELAP	0.202		13.5	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Pyrene	NELAP	0.202		7.27	mg/Kg-dry	50	7/19/2010 1:59:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		72.0	%REC	50	7/19/2010 1:59:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		76.6	%REC	50	7/19/2010 1:59:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		73.4	%REC	50	7/19/2010 1:59:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
1,2-Dichlorobenzene	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
1,3-Dichlorobenzene	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
1,4-Dichlorobenzene	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-001  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(20)  
**Collection Date:** 7/15/2010 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
2,4-Dichlorophenol	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
2,4-Dimethylphenol	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
2,4-Dinitrophenol	NELAP	11.9		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
2,4-Dinitrotoluene	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
2,6-Dinitrotoluene	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
2-Chloronaphthalene	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
2-Chlorophenol	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
2-Methoxy-4-methylphenol		7.72		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
2-Methylnaphthalene	NELAP	4.16		17.8	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
2-Nitroaniline	NELAP	11.9		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
2-Nitrophenol	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
3-Nitroaniline	NELAP	11.9		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	11.9		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
4-Chloroaniline	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
4-Nitroaniline	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
4-Nitrophenol	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Aniline	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Azobenzene		4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Benzidine	NELAP	12.5		see note	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Benzoic acid	NELAP	17.8		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Benzyl alcohol	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Butyl benzyl phthalate	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Carbazole		5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Dibenzofuran	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Diethyl phthalate	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Dimethyl phthalate	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Di-n-butyl phthalate	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Di-n-octyl phthalate	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Hexachlorobenzene	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-001  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(20)  
**Collection Date:** 7/15/2010 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Hexachlorobutadiene	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Hexachloroethane	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Isophorone	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
m,p-Cresol	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Nitrobenzene	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
N-Nitrosodimethylamine	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
o-Cresol	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Pentachlorophenol	NELAP	23.8		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Phenol	NELAP	4.16		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Pyridine	NELAP	5.94		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
1,2-Diphenylhydrazine		9.98		ND	mg/Kg-dry	10	7/20/2010 12:16:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		87.6	%REC	10	7/20/2010 12:16:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		103.0	%REC	10	7/20/2010 12:16:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		83.8	%REC	10	7/20/2010 12:16:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		87.5	%REC	10	7/20/2010 12:16:00 PM	DMH
Surr: Phenol-d5		34.9-110		86.9	%REC	10	7/20/2010 12:16:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		105.4	%REC	10	7/20/2010 12:16:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,1,1-Trichloroethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,1,2-Trichloroethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,1-Dichloro-2-propanone		5310		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,1-Dichloroethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,1-Dichloroethene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,1-Dichloropropene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,2,3-Trichloropropane	NELAP	1060		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,2,3-Trimethylbenzene		531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	531	J	280	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,2-Dibromoethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,2-Dichlorobenzene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-001  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(20)  
**Collection Date:** 7/15/2010 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2-Dichloroethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,2-Dichloropropane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,3-Dichlorobenzene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,3-Dichloropropane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1,4-Dichlorobenzene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
1-Chlorobutane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
2,2-Dichloropropane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
2-Butanone	NELAP	5310		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
2-Chlorotoluene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
2-Hexanone	NELAP	5310		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
2-Nitropropane	NELAP	5310		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
4-Chlorotoluene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
4-Methyl-2-pentanone	NELAP	5310		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Acetone	NELAP	5310		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Acrolein	NELAP	10600		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Acrylonitrile	NELAP	1060		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Allyl chloride	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Benzene	NELAP	106		16200	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Bromobenzene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Bromochloromethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Bromodichloromethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Bromoform	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Bromomethane	NELAP	1060		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Carbon disulfide	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Carbon tetrachloride	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Chlorobenzene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Chloroethane	NELAP	1060		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Chloroform	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Chloromethane	NELAP	1060		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	425		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Cyclohexanone		10600		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Dibromochloromethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Dibromomethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Dichlorodifluoromethane	NELAP	1060		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Ethyl acetate	NELAP	5310		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Ethyl ether	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-001  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(20)  
**Collection Date:** 7/15/2010 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Ethyl methacrylate	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Ethylbenzene	NELAP	531		593	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Heptane		2130		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Hexachlorobutadiene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Hexachloroethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Iodomethane	NELAP	1060		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Isopropylbenzene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
m,p-Xylenes	NELAP	531		1950	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Methacrylonitrile	NELAP	5310		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Methyl Methacrylate	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Methyl tert-butyl ether	NELAP	213		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Methylacrylate		1060		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Methylene chloride	NELAP	531	J	130	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Naphthalene	NELAP	5310		25900	µg/Kg-dry	250	7/20/2010 2:37:00 PM	RWE
n-Butylbenzene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
n-Hexane		2130		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Nitrobenzene	NELAP	10600		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
n-Propylbenzene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
o-Xylene	NELAP	531		900	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Pentachloroethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
p-Isopropyltoluene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Propionitrile	NELAP	5310		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
sec-Butylbenzene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Styrene	NELAP	531		1930	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
tert-Butylbenzene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Tetrachloroethene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Tetrahydrofuran	NELAP	5310		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Toluene	NELAP	531		8190	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	425		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Trichloroethene	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Trichlorofluoromethane	NELAP	531		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Vinyl acetate	NELAP	5310		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Vinyl chloride	NELAP	213		ND	µg/Kg-dry	50	7/19/2010 5:22:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		100.7	%REC	50	7/19/2010 5:22:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.7	%REC	50	7/19/2010 5:22:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		93.7	%REC	50	7/19/2010 5:22:00 PM	RWE
Surr: Toluene-d8		86-116		108.9	%REC	50	7/19/2010 5:22:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-001  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A5-W(20)  
**Collection Date:** 7/15/2010 8:50:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.012	J	<b>0.008</b>	mg/Kg-dry	1	7/16/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.56		<b>&lt; 0.56</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.59	J	<b>0.24</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS

### 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 outside upper QC limits. Sample results are below reporting limit - data is reportable.

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

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

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

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

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

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10070607

**Client Sample ID:** P5-A4-W(20)

**Lab ID:** 10070607-002

**Collection Date:** 7/15/2010 9:03:00 AM

**Report Date:** 23-Jul-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		12.8	%	1	7/15/2010 6:00:00 PM	DLW
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.2	%	1	7/15/2010 6:00:00 PM	DLW
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		4.52	mg/Kg-dry	1	7/19/2010 11:09:59 PM	LAL
Barium	NELAP	0.49		21.9	mg/Kg-dry	1	7/16/2010 6:16:22 PM	LAL
Cadmium	NELAP	0.20	J	0.11	mg/Kg-dry	1	7/19/2010 11:09:59 PM	LAL
Chromium	NELAP	0.98		17.0	mg/Kg-dry	1	7/16/2010 6:16:22 PM	LAL
Lead	NELAP	3.92		8.55	mg/Kg-dry	1	7/20/2010 4:02:49 PM	JMW
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	7/16/2010 6:16:22 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium 7740	NELAP	0.556		< 0.556	mg/Kg-dry	1	7/16/2010 1:29:00 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.097		2.15	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Acenaphthylene	NELAP	0.097		0.385	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Anthracene	NELAP	0.097		1.20	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Benzo(a)anthracene	NELAP	0.097		0.638	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Benzo(a)pyrene	NELAP	0.097		0.544	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.097		0.435	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.097		0.250	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.097		0.135	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	1.91		ND	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Chrysene	NELAP	0.097		0.602	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.097		ND	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Fluoranthene	NELAP	0.097		1.27	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Fluorene	NELAP	0.097		1.46	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.097		0.191	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Naphthalene	NELAP	0.097		5.66	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Phenanthrene	NELAP	0.097		3.92	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Pyrene	NELAP	0.097		1.89	mg/Kg-dry	25	7/19/2010 2:35:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		70.9	%REC	25	7/19/2010 2:35:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		77.0	%REC	25	7/19/2010 2:35:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		70.4	%REC	25	7/19/2010 2:35:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
1,2-Dichlorobenzene	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
1,3-Dichlorobenzene	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
1,4-Dichlorobenzene	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-002  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(20)  
**Collection Date:** 7/15/2010 9:03:00 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	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
2,4-Dichlorophenol	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
2,4-Dimethylphenol	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
2,4-Dinitrophenol	NELAP	5.69		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
2,4-Dinitrotoluene	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
2,6-Dinitrotoluene	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
2-Chloronaphthalene	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
2-Chlorophenol	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
2-Methoxy-4-methylphenol		3.70		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
2-Methylnaphthalene	NELAP	1.99		4.14	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
2-Nitroaniline	NELAP	5.69		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
2-Nitrophenol	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
3-Nitroaniline	NELAP	5.69		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	5.69		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
4-Chloroaniline	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
4-Nitroaniline	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
4-Nitrophenol	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Aniline	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Azobenzene		1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Benzidine	NELAP	6.01		see note	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Benzoic acid	NELAP	8.54		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Benzyl alcohol	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Butyl benzyl phthalate	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Carbazole		2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Dibenzofuran	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Diethyl phthalate	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Dimethyl phthalate	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Di-n-butyl phthalate	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Di-n-octyl phthalate	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Hexachlorobenzene	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-002  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(20)  
**Collection Date:** 7/15/2010 9:03:00 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	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Hexachloroethane	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Isophorone	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
m,p-Cresol	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Nitrobenzene	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
N-Nitrosodimethylamine	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
o-Cresol	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Pentachlorophenol	NELAP	11.4		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Phenol	NELAP	1.99		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Pyridine	NELAP	2.85		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
1,2-Diphenylhydrazine		4.78		ND	mg/Kg-dry	5	7/20/2010 12:48:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		86.8	%REC	5	7/20/2010 12:48:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		87.4	%REC	5	7/20/2010 12:48:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		75.4	%REC	5	7/20/2010 12:48:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		79.0	%REC	5	7/20/2010 12:48:00 PM	DMH
Surr: Phenol-d5		34.9-110		76.8	%REC	5	7/20/2010 12:48:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		96.3	%REC	5	7/20/2010 12:48:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,1,1-Trichloroethane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,1,2-Trichloroethane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,1-Dichloro-2-propanone		246000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,1-Dichloroethane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,1-Dichloroethene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,1-Dichloropropene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,2,3-Trichloropropane	NELAP	49200		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,2,3-Trimethylbenzene		24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,2-Dibromoethane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,2-Dichlorobenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-002  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(20)  
**Collection Date:** 7/15/2010 9:03:00 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	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,2-Dichloropropane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,3-Dichlorobenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,3-Dichloropropane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1,4-Dichlorobenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
1-Chlorobutane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
2,2-Dichloropropane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
2-Butanone	NELAP	246000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
2-Chlorotoluene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
2-Hexanone	NELAP	246000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
2-Nitropropane	NELAP	246000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
4-Chlorotoluene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
4-Methyl-2-pentanone	NELAP	246000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Acetone	NELAP	246000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Acrolein	NELAP	492000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Acrylonitrile	NELAP	49200		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Allyl chloride	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Benzene	NELAP	4920		4970	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Bromobenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Bromochloromethane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Bromodichloromethane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Bromoform	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Bromomethane	NELAP	49200		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Carbon disulfide	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Carbon tetrachloride	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Chlorobenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Chloroethane	NELAP	49200		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Chloroform	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Chloromethane	NELAP	49200		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	19700		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Cyclohexanone		492000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Dibromochloromethane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Dibromomethane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Dichlorodifluoromethane	NELAP	49200		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Ethyl acetate	NELAP	246000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Ethyl ether	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-002  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(20)  
**Collection Date:** 7/15/2010 9:03:00 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	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Ethylbenzene	NELAP	24600	J	5100	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Heptane		98300		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Hexachlorobutadiene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Hexachloroethane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Iodomethane	NELAP	49200		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Isopropylbenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
m,p-Xylenes	NELAP	24600	J	8000	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Methacrylonitrile	NELAP	246000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Methyl Methacrylate	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Methyl tert-butyl ether	NELAP	9830		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Methylacrylate		49200		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Methylene chloride	NELAP	24600	J	17000	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Naphthalene	NELAP	49200		243000	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
n-Butylbenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
n-Hexane		98300		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Nitrobenzene	NELAP	492000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
n-Propylbenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
o-Xylene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Pentachloroethane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
p-Isopropyltoluene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Propionitrile	NELAP	246000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
sec-Butylbenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Styrene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
tert-Butylbenzene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Tetrachloroethene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Tetrahydrofuran	NELAP	246000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Toluene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	19700		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Trichloroethene	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Trichlorofluoromethane	NELAP	24600		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Vinyl acetate	NELAP	246000		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Vinyl chloride	NELAP	9830		ND	µg/Kg-dry	2500	7/16/2010 2:51:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		96.9	%REC	2500	7/16/2010 2:51:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		99.7	%REC	2500	7/16/2010 2:51:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		98.9	%REC	2500	7/16/2010 2:51:00 PM	RWE
Surr: Toluene-d8		86-116		99.2	%REC	2500	7/16/2010 2:51:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-002  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A4-W(20)  
**Collection Date:** 7/15/2010 9:03:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	<b>0.009</b>	mg/Kg-dry	1	7/16/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.55	J	<b>0.33</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.56	J	<b>0.17</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS

### 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 outside upper QC limits. Sample results are below reporting limit - data is reportable.

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

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

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

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

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



ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10070607

**Client Sample ID:** P5-A3-W(20)

**Lab ID:** 10070607-003

**Collection Date:** 7/15/2010 9:20:00 AM

**Report Date:** 23-Jul-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		12.9	%	1	7/15/2010 6:00:00 PM	DLW
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.1	%	1	7/15/2010 6:00:00 PM	DLW
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		5.16	mg/Kg-dry	1	7/19/2010 11:16:47 PM	LAL
Barium	NELAP	0.47		18.4	mg/Kg-dry	1	7/16/2010 6:35:49 PM	LAL
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	7/19/2010 11:16:47 PM	LAL
Chromium	NELAP	0.94		16.5	mg/Kg-dry	1	7/16/2010 6:35:49 PM	LAL
Lead	NELAP	3.77		8.08	mg/Kg-dry	1	7/20/2010 4:07:35 PM	JMW
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	7/16/2010 6:35:49 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.588	< 0.588	mg/Kg-dry	1	7/16/2010 1:39:12 PM	MEK
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.388		17.5	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Acenaphthylene	NELAP	0.388		2.80	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Anthracene	NELAP	0.388		9.55	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Benzo(a)anthracene	NELAP	0.388		4.86	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Benzo(a)pyrene	NELAP	0.388		4.42	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Benzo(b)fluoranthene	NELAP	0.388		3.42	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Benzo(g,h,i)perylene	NELAP	0.388		2.00	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Benzo(k)fluoranthene	NELAP	0.388		1.09	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	7.65		ND	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Chrysene	NELAP	0.388		4.82	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Dibenzo(a,h)anthracene	NELAP	0.388		0.487	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Fluoranthene	NELAP	0.388		10.3	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Fluorene	NELAP	0.388		10.0	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.388		1.49	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Naphthalene	NELAP	0.388		70.3	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Phenanthrene	NELAP	0.388		32.1	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Pyrene	NELAP	0.388		15.5	mg/Kg-dry	100	7/19/2010 3:11:00 PM	MAV
Surr: 2-Fluorobiphenyl		10-131		67.2	%REC	100	7/19/2010 3:11:00 PM	MAV
Surr: Nitrobenzene-d5		10-132		67.8	%REC	100	7/19/2010 3:11:00 PM	MAV
Surr: p-Terphenyl-d14		30.6-131		67.2	%REC	100	7/19/2010 3:11:00 PM	MAV
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
1,2-Dichlorobenzene	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
1,3-Dichlorobenzene	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
1,4-Dichlorobenzene	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-003  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(20)  
**Collection Date:** 7/15/2010 9:20:00 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	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
2,4-Dichlorophenol	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
2,4-Dimethylphenol	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
2,4-Dinitrophenol	NELAP	28.6		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
2,4-Dinitrotoluene	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
2,6-Dinitrotoluene	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
2-Chloronaphthalene	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
2-Chlorophenol	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
2-Methoxy-4-methylphenol		18.6		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
2-Methylnaphthalene	NELAP	10.0		48.6	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
2-Nitroaniline	NELAP	28.6		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
2-Nitrophenol	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
3-Nitroaniline	NELAP	28.6		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	28.6		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
4-Chloroaniline	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
4-Nitroaniline	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
4-Nitrophenol	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Aniline	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Azobenzene		10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Benzidine	NELAP	30.2		see note	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Benzoic acid	NELAP	42.8		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Benzyl alcohol	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Butyl benzyl phthalate	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Carbazole		14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Dibenzofuran	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Diethyl phthalate	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Dimethyl phthalate	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Di-n-butyl phthalate	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Di-n-octyl phthalate	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Hexachlorobenzene	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-003  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(20)  
**Collection Date:** 7/15/2010 9:20:00 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	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Hexachloroethane	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Isophorone	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
m,p-Cresol	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Nitrobenzene	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
N-Nitrosodimethylamine	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
o-Cresol	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Pentachlorophenol	NELAP	57.1		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Phenol	NELAP	10.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Pyridine	NELAP	14.3		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
1,2-Diphenylhydrazine		24.0		ND	mg/Kg-dry	25	7/20/2010 4:33:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		70.0	%REC	25	7/20/2010 4:33:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		85.1	%REC	25	7/20/2010 4:33:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		60.5	%REC	25	7/20/2010 4:33:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.6	%REC	25	7/20/2010 4:33:00 PM	DMH
Surr: Phenol-d5		34.9-110		65.9	%REC	25	7/20/2010 4:33:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		92.3	%REC	25	7/20/2010 4:33:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,1,1-Trichloroethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,1,2-Trichloroethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,1-Dichloro-2-propanone		6630		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,1-Dichloroethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,1-Dichloroethene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,1-Dichloropropene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,2,3-Trichloropropane	NELAP	1330		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,2,3-Trimethylbenzene		663	J	570	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	663	J	380	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,2-Dibromoethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,2-Dichlorobenzene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-003  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(20)  
**Collection Date:** 7/15/2010 9:20:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2-Dichloroethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,2-Dichloropropane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,3-Dichlorobenzene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,3-Dichloropropane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1,4-Dichlorobenzene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
1-Chlorobutane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
2,2-Dichloropropane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
2-Butanone	NELAP	6630		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
2-Chlorotoluene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
2-Hexanone	NELAP	6630		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
2-Nitropropane	NELAP	6630		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
4-Chlorotoluene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
4-Methyl-2-pentanone	NELAP	6630		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Acetone	NELAP	6630		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Acrolein	NELAP	13300		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Acrylonitrile	NELAP	1330		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Allyl chloride	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Benzene	NELAP	133		4800	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Bromobenzene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Bromochloromethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Bromodichloromethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Bromoform	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Bromomethane	NELAP	1330		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Carbon disulfide	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Carbon tetrachloride	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Chlorobenzene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Chloroethane	NELAP	1330		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Chloroform	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Chloromethane	NELAP	1330		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	530		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Cyclohexanone		13300		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Dibromochloromethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Dibromomethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Dichlorodifluoromethane	NELAP	1330		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Ethyl acetate	NELAP	6630		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Ethyl ether	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 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:** 10070607

**Client Sample ID:** P5-A3-W(20)

**Lab ID:** 10070607-003

**Collection Date:** 7/15/2010 9:20:00 AM

**Report Date:** 23-Jul-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	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Ethylbenzene	NELAP	663		720	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Heptane		2650		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Hexachlorobutadiene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Hexachloroethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Iodomethane	NELAP	1330		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Isopropylbenzene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
m,p-Xylenes	NELAP	663		1860	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Methacrylonitrile	NELAP	6630		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Methyl Methacrylate	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Methyl tert-butyl ether	NELAP	265		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Methylacrylate		1330		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Methylene chloride	NELAP	663	J	480	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Naphthalene	NELAP	3320		32700	µg/Kg-dry	125	7/19/2010 5:52:00 PM	RWE
n-Butylbenzene	NELAP	663	J	260	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
n-Hexane		2650		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Nitrobenzene	NELAP	13300		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
n-Propylbenzene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
o-Xylene	NELAP	663		812	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Pentachloroethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
p-Isopropyltoluene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Propionitrile	NELAP	6630		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
sec-Butylbenzene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Styrene	NELAP	663		761	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
tert-Butylbenzene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Tetrachloroethene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Tetrahydrofuran	NELAP	6630		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Toluene	NELAP	663	J	550	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	530		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Trichloroethene	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Trichlorofluoromethane	NELAP	663		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Vinyl acetate	NELAP	6630		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Vinyl chloride	NELAP	265		ND	µg/Kg-dry	50	7/16/2010 3:20:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		96.3	%REC	50	7/16/2010 3:20:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		98.4	%REC	50	7/16/2010 3:20:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		95.8	%REC	50	7/16/2010 3:20:00 PM	RWE
Surr: Toluene-d8		86-116		98.4	%REC	50	7/16/2010 3:20:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070607  
**Lab ID:** 10070607-003  
**Report Date:** 23-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-A3-W(20)  
**Collection Date:** 7/15/2010 9:20:00 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>0.007</b>	mg/Kg-dry	1	7/16/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.55		<b>&lt; 0.55</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.55		<b>Interference</b>	mg/Kg-dry	1	7/21/2010 9:00:00 AM	MVS

### 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 outside upper QC limits. Sample results are below reporting limit - data is reportable.

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

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

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

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

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

ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

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

**Lab Order:** 10070607

**Report Date:** 23-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10070607-001A	P5-A5-W(20)	7/15/2010	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 1:33:41 PM	7/19/2010 1:59:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 1:32:46 PM	7/20/2010 12:16:00 PM
10070607-001B				EPA SW846 3550C, 5035A, ASTM D2974		7/15/2010 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/15/2010 6:00:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 8:40:30 AM	7/16/2010 6:09:41 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 8:40:30 AM	7/19/2010 10:50:36 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 8:40:30 AM	7/20/2010 3:58:02 PM
				SW-846 3050B, Metals by GFAA	7/16/2010 8:39:03 AM	7/16/2010 1:25:38 PM
				SW-846 7471A	7/16/2010 9:12:21 AM	7/16/2010
				SW-846 9010B, 9014	7/19/2010 5:30:00 PM	7/21/2010 9:00:00 AM
10070607-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/16/2010 2:22:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/19/2010 5:22:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/20/2010 2:37:00 PM
10070607-002A	P5-A4-W(20)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 1:33:41 PM	7/19/2010 2:35:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 1:32:46 PM	7/20/2010 12:48:00 PM
10070607-002B				EPA SW846 3550C, 5035A, ASTM D2974		7/15/2010 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/15/2010 6:00:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 8:40:30 AM	7/16/2010 6:16:22 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 8:40:30 AM	7/19/2010 11:09:59 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 8:40:30 AM	7/20/2010 4:02:49 PM
				SW-846 3050B, Metals by GFAA	7/16/2010 8:39:03 AM	7/16/2010 1:29:00 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:** 10070607

**Report Date:** 23-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10070607-002B	P5-A4-W(20)	7/15/2010	Solid	SW-846 7471A	7/16/2010 9:12:21 AM	7/16/2010
				SW-846 9010B, 9014	7/19/2010 10:30:00 PM	7/21/2010 9:00:00 AM
				SW-846 9014A	7/19/2010 10:30:00 PM	7/21/2010 9:00:00 AM
10070607-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/16/2010 2:51:00 PM
10070607-003A	P5-A3-W(20)			SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 1:33:41 PM	7/19/2010 3:11:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 1:32:47 PM	7/20/2010 4:33:00 PM
10070607-003B				EPA SW846 3550C, 5035A, ASTM D2974		7/15/2010 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		7/15/2010 6:00:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 8:40:30 AM	7/16/2010 6:35:49 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 8:40:30 AM	7/19/2010 11:16:47 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 8:40:30 AM	7/20/2010 4:07:35 PM
				SW-846 3050B, Metals by GFAA	7/16/2010 8:39:03 AM	7/16/2010 1:39:12 PM
				SW-846 7471A	7/16/2010 9:12:21 AM	7/16/2010
				SW-846 9010B, 9014	7/19/2010 10:30:00 PM	7/21/2010 9:00:00 AM
				SW-846 9014A	7/19/2010 10:30:00 PM	7/21/2010 9:00:00 AM
10070607-003E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/16/2010 3:20:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/19/2010 5:52:00 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.

**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: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-R137884</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>137884</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R137884</b>		Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676738</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>137884</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R137884</b>		Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676739</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>10070607-003BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>137884</b>							
Client ID: <b>P5-A3-W(20)DUP</b>	Batch ID: <b>R137884</b>		Analysis Date: <b>7/15/2010</b>	SeqNo: <b>2676762</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 88.0 0.1 87.07 1.05 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW6010B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MB-61774</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137885</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677034</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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

Sample ID: <b>LCS-61774</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137885</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677035</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	215	2.50	200.0	0	107.3	85	115				
Barium	204	0.50	200.0	0	102.2	85	115				
Cadmium	5.17	0.20	5.000	0	103.4	85	115				
Chromium	21.1	1.00	20.00	0	105.7	85	115				
Lead	52.2	4.00	50.00	0	104.5	85	115				
Silver	5.30	0.55	5.000	0	106.0	85	115				

Sample ID: <b>10070607-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137885</b>							
Client ID: <b>P5-A3-W(20)MS</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677841</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Barium	193	0.47	188.7	18.43	92.4	75	125				
Chromium	38.1	0.94	18.87	16.54	114.1	75	125				
Silver	5.29	0.52	4.717	0	112.2	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW6010B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>10070607-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137885</b>							
Client ID: <b>P5-A3-W(20)MSD</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677842</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Barium	186	0.47	188.7	18.43	88.7	75	125	192.8	3.69	20
Chromium	36.3	0.94	18.87	16.54	104.8	75	125	38.07	4.74	20
Silver	4.92	0.52	4.717	0	104.2	75	125	5.292	7.39	20

Sample ID: <b>10070607-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137950</b>							
Client ID: <b>P5-A3-W(20)MS</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679540</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	191	2.36	188.7	5.160	98.6	75	125			
Cadmium	4.20	0.19	4.717	0	89.0	75	125			

Sample ID: <b>10070607-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137950</b>							
Client ID: <b>P5-A3-W(20)MSD</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679541</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	188	2.36	188.7	5.160	96.8	75	125	191.2	1.79	20
Cadmium	4.10	0.19	4.717	0	87.0	75	125	4.198	2.27	20

Sample ID: <b>MB-61774</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138016</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680162</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-61774</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138016</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680163</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	53.7	4.00	50.00	0	107.3	85	115			
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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: 10070607

Report Date: 23-Jul-10

Sample ID: <b>10070607-003BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>138016</b>							
Client ID: <b>P5-A3-W(20)MS</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680584</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	49.0	3.77	47.17	8.085	86.6	75	125				
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Sample ID: <b>10070607-003BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>138016</b>							
Client ID: <b>P5-A3-W(20)MSD</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680585</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	49.3	3.77	47.17	8.085	87.4	75	125	48.95	0.768	20	
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Sample ID: <b>MB-61774</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138065</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/21/2010</b>	SeqNo: <b>2681147</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	0.78	1.00	1.000	0	78.0	-100	100				J
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Sample ID: <b>LCS-61774</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>138065</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61774</b>	<b>SOP 3032</b>	Analysis Date: <b>7/21/2010</b>	SeqNo: <b>2681148</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	20.4	1.00	20.00	0	102.0	85	115				
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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: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MB-61769</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137915</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61769</b>	<b>SOP 3042</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677221</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-61769</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137915</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61769</b>	<b>SOP 3042</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677222</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.59	0.600	3.000	0	86.3	80	120			
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Sample ID: <b>10070607-002BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137915</b>							
Client ID: <b>P5-A4-W(20)MS</b>	Batch ID: <b>61769</b>	<b>SOP 3042</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677263</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	1.95	1.11	2.778	0	70.2	70	130			
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Sample ID: <b>10070607-002BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137915</b>							
Client ID: <b>P5-A4-W(20)MSD</b>	Batch ID: <b>61769</b>	<b>SOP 3042</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677264</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.07	1.11	2.778	0	74.6	70	130	1.950	6.11	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: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MB-61805</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137908</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61805</b>	<b>SOP 3063</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677316</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-61805</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137908</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61805</b>	<b>SOP 3063</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677317</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.276 0.010 0.2500 0 110.4 85 115

Sample ID: <b>10070607-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137908</b>							
Client ID: <b>P5-A5-W(20)MS</b>	Batch ID: <b>61805</b>	<b>SOP 3063</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2678499</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.272 0.012 0.2877 0.008054 91.6 75 125

Sample ID: <b>10070607-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137908</b>							
Client ID: <b>P5-A5-W(20)MSD</b>	Batch ID: <b>61805</b>	<b>SOP 3063</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2678500</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.297 0.012 0.2877 0.008054 100.6 75 125 0.2715 9.10 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-G100716-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677203</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	5.00	50.00	0	100.3	0	200				
1,1,1-Trichloroethane	47.9	5.00	50.00	0	95.7	85.8	124				
1,1,2,2-Tetrachloroethane	46.8	5.00	50.00	0	93.6	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	46.5	5.00	50.00	0	93.0	0	200				
1,1,2-Trichloroethane	48.0	5.00	50.00	0	95.9	0	200				
1,1-Dichloro-2-propanone	107	50.0	125.0	0	85.8	0	200				
1,1-Dichloroethane	47.1	5.00	50.00	0	94.2	0	200				
1,1-Dichloroethene	45.2	5.00	50.00	0	90.5	60.1	131				
1,1-Dichloropropene	48.3	5.00	50.00	0	96.5	0	200				
1,2,3-Trichlorobenzene	56.6	5.00	50.00	0	113.3	0	200				
1,2,3-Trichloropropane	46.0	10.0	50.00	0	91.9	0	200				
1,2,3-Trimethylbenzene	50.5	5.00	50.00	0	101.0	0	200				
1,2,4-Trichlorobenzene	59.6	5.00	50.00	0	119.2	0	200				
1,2,4-Trimethylbenzene	51.7	5.00	50.00	0	103.5	0	200				
1,2-Dibromo-3-chloropropane	48.4	5.00	50.00	0	96.9	0	200				
1,2-Dibromoethane	48.3	5.00	50.00	0	96.6	86.9	119				
1,2-Dichlorobenzene	50.0	5.00	50.00	0	100.1	88	119				
1,2-Dichloroethane	46.0	5.00	50.00	0	91.9	73	117				
1,2-Dichloropropane	48.5	5.00	50.00	0	96.9	0	200				
1,3,5-Trimethylbenzene	50.1	5.00	50.00	0	100.2	0	200				
1,3-Dichlorobenzene	51.3	5.00	50.00	0	102.5	85.8	125				
1,3-Dichloropropane	47.0	5.00	50.00	0	94.0	0	200				
1,4-Dichlorobenzene	50.9	5.00	50.00	0	101.7	84.5	124				
1-Chlorobutane	45.4	5.00	50.00	0	90.8	0	200				
2,2-Dichloropropane	48.2	5.00	50.00	0	96.4	0	200				
2-Butanone	130	50.0	125.0	0	103.9	45.3	136				
2-Chlorotoluene	49.3	5.00	50.00	0	98.6	0	200				
2-Hexanone	141	50.0	125.0	0	112.8	0	200				
2-Nitropropane	50.8	50.0	50.00	0	101.6	0	200				
4-Chlorotoluene	50.7	5.00	50.00	0	101.5	0	200				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-G100716-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677203</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	123	50.0	125.0	0	98.6	0	200				
Acetone	175	50.0	125.0	0	139.6	0	200				
Acrolein	904	100	250.0	0	361.5	0	400				
Acrylonitrile	43.0	10.0	50.00	0	86.0	0	200				
Allyl chloride	45.3	5.00	50.00	0	90.7	0	200				
Benzene	47.6	1.00	50.00	0	95.1	73.9	109				
Bromobenzene	49.7	5.00	50.00	0	99.5	0	200				
Bromochloromethane	46.4	5.00	50.00	0	92.8	0	200				
Bromodichloromethane	49.0	5.00	50.00	0	98.0	91.3	126				
Bromoform	49.8	5.00	50.00	0	99.7	0	200				
Bromomethane	37.2	10.0	50.00	0	74.4	0	200				
Carbon disulfide	43.6	5.00	50.00	0	87.1	0	200				
Carbon tetrachloride	48.7	5.00	50.00	0	97.4	83.3	127				
Chlorobenzene	49.6	5.00	50.00	0	99.1	85.8	116				
Chloroethane	41.9	10.0	50.00	0	83.7	0	200				
Chloroform	48.4	5.00	50.00	0	96.8	80	113				
Chloromethane	28.7	10.0	50.00	0	57.3	0	200				
cis-1,2-Dichloroethene	48.5	5.00	50.00	0	96.9	0	200				
cis-1,3-Dichloropropene	49.6	4.00	50.00	0	99.2	0	200				
Cyclohexanone	322	100	250.0	0	128.6	0	200				
Dibromochloromethane	50.0	5.00	50.00	0	100	89.1	119				
Dibromomethane	47.5	5.00	50.00	0	95.0	0	200				
Dichlorodifluoromethane	18.5	10.0	50.00	0	37.0	0	200				
Ethyl acetate	46	50.0	50.00	0	91.7	0	200				J
Ethyl ether	46.0	5.00	50.00	0	92.0	0	200				
Ethyl methacrylate	52.7	5.00	50.00	0	105.4	0	200				
Ethylbenzene	50.1	5.00	50.00	0	100.1	84.1	115				
Heptane	49.3	20.0	50.00	0	98.6	0	200				
Hexachlorobutadiene	53.9	5.00	50.00	0	107.9	0	200				
Hexachloroethane	49.9	5.00	50.00	0	99.9	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-G100716-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677203</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iodomethane	48.4	10.0	50.00	0	96.8	0	200				
Isopropylbenzene	50.7	5.00	50.00	0	101.4	0	200				
m,p-Xylenes	102	5.00	100.0	0	102.0	79.1	111				
Methacrylonitrile	44	50.0	50.00	0	88.8	0	200				J
Methyl Methacrylate	50.0	5.00	50.00	0	100.1	0	200				
Methyl tert-butyl ether	48.0	2.00	50.00	0	96.0	80	128				
Methylacrylate	46.2	10.0	50.00	0	92.4	0	200				
Methylene chloride	45.0	5.00	50.00	0	90.1	73.9	116				
Naphthalene	53.5	10.0	50.00	0	107.0	73.1	135				
n-Butylbenzene	56.3	5.00	50.00	0	112.6	0	200				
n-Hexane	45.9	20.0	50.00	0	91.9	0	200				
Nitrobenzene	51	100	50.00	0	101.4	0	200				J
n-Propylbenzene	51.1	5.00	50.00	0	102.2	0	200				
o-Xylene	49.8	5.00	50.00	0	99.6	82	117				
Pentachloroethane	52.5	5.00	50.00	0	104.9	0	200				
p-Isopropyltoluene	50.5	5.00	50.00	0	101.1	0	200				
Propionitrile	50.6	50.0	50.00	0	101.1	0	200				
sec-Butylbenzene	51.2	5.00	50.00	0	102.5	0	200				
Styrene	52.7	5.00	50.00	0	105.4	0	200				
tert-Butylbenzene	49.4	5.00	50.00	0	98.9	0	200				
Tetrachloroethene	50.8	5.00	50.00	0	101.6	74.6	115				
Tetrahydrofuran	45	50.0	50.00	0	90.4	0	200				J
Toluene	47.9	5.00	50.00	0	95.8	79.1	112				
trans-1,2-Dichloroethene	46.8	5.00	50.00	0	93.6	0	200				
trans-1,3-Dichloropropene	48.9	4.00	50.00	0	97.8	0	200				
Trichloroethene	50.6	5.00	50.00	0	101.2	81	111				
Trichlorofluoromethane	42.2	5.00	50.00	0	84.4	0	200				
Vinyl acetate	49	50.0	50.00	0	98.1	0	200				J
Vinyl chloride	35.4	2.00	50.00	0	70.8	0	200				
Surr: 1,2-Dichloroethane-d4	47.3		50.00		94.6	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: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-G100716-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677203</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	50.7		50.00		101.3	82.1	116				
Surr: Dibromofluoromethane	50.2		50.00		100.5	77.7	120				
Surr: Toluene-d8	49.5		50.00		99.0	86	116				

Sample ID: <b>LCSD-G100716-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677204</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	51.7	5.00	50.00	0	103.4	0	200	50.16	3.00	20	
1,1,1-Trichloroethane	49.4	5.00	50.00	0	98.8	85.8	124	47.86	3.13	20	
1,1,2,2-Tetrachloroethane	52.2	5.00	50.00	0	104.3	0	200	46.82	10.8	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	47.4	5.00	50.00	0	94.9	0	200	46.49	2.02	20	
1,1,2-Trichloroethane	51.6	5.00	50.00	0	103.2	0	200	47.97	7.25	20	
1,1-Dichloro-2-propanone	124	50.0	125.0	0	99.1	0	200	107.3	14.3	20	
1,1-Dichloroethane	48.2	5.00	50.00	0	96.4	0	200	47.11	2.29	20	
1,1-Dichloroethene	45.8	5.00	50.00	0	91.7	60.1	131	45.25	1.32	20	
1,1-Dichloropropene	49.8	5.00	50.00	0	99.7	0	200	48.26	3.24	20	
1,2,3-Trichlorobenzene	56.2	5.00	50.00	0	112.3	0	200	56.65	0.869	20	
1,2,3-Trichloropropane	51.6	10.0	50.00	0	103.1	0	200	45.96	11.5	20	
1,2,3-Trimethylbenzene	51.4	5.00	50.00	0	102.9	0	200	50.52	1.80	20	
1,2,4-Trichlorobenzene	58.4	5.00	50.00	0	116.7	0	200	59.60	2.10	20	
1,2,4-Trimethylbenzene	52.7	5.00	50.00	0	105.3	0	200	51.73	1.80	20	
1,2-Dibromo-3-chloropropane	55.8	5.00	50.00	0	111.7	0	200	48.43	14.2	20	
1,2-Dibromoethane	52.2	5.00	50.00	0	104.3	86.9	119	48.28	7.71	20	
1,2-Dichlorobenzene	50.8	5.00	50.00	0	101.6	88	119	50.05	1.47	20	
1,2-Dichloroethane	48.7	5.00	50.00	0	97.4	73	117	45.96	5.77	20	
1,2-Dichloropropane	50.0	5.00	50.00	0	100.1	0	200	48.47	3.19	20	
1,3,5-Trimethylbenzene	51.6	5.00	50.00	0	103.1	0	200	50.12	2.81	20	
1,3-Dichlorobenzene	51.8	5.00	50.00	0	103.6	85.8	125	51.27	1.03	20	
1,3-Dichloropropane	50.2	5.00	50.00	0	100.4	0	200	47.01	6.60	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-D-G100716-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677204</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	51.7	5.00	50.00	0	103.4	84.5	124	50.87	1.58	20	
1-Chlorobutane	46.7	5.00	50.00	0	93.4	0	200	45.42	2.76	20	
2,2-Dichloropropane	49.4	5.00	50.00	0	98.8	0	200	48.20	2.48	20	
2-Butanone	147	50.0	125.0	0	117.9	45.3	136	129.9	12.6	20	
2-Chlorotoluene	50.3	5.00	50.00	0	100.7	0	200	49.29	2.09	20	
2-Hexanone	153	50.0	125.0	0	122.7	0	200	141.0	8.41	20	
2-Nitropropane	50	50.0	50.00	0	99.6	0	200	50.80	0	20	J
4-Chlorotoluene	51.5	5.00	50.00	0	103.0	0	200	50.73	1.53	20	
4-Methyl-2-pentanone	138	50.0	125.0	0	110.2	0	200	123.3	11.0	20	
Acetone	198	50.0	125.0	0	158.3	0	200	174.5	12.5	20	
Acrolein	922	100	250.0	0	368.7	0	400	903.7	1.99	20	
Acrylonitrile	50.4	10.0	50.00	0	100.8	0	200	42.99	15.9	20	
Allyl chloride	45.9	5.00	50.00	0	91.9	0	200	45.34	1.29	20	
Benzene	49.1	1.00	50.00	0	98.1	73.9	109	47.56	3.10	20	
Bromobenzene	50.9	5.00	50.00	0	101.9	0	200	49.73	2.40	20	
Bromochloromethane	49.1	5.00	50.00	0	98.2	0	200	46.41	5.65	20	
Bromodichloromethane	51.2	5.00	50.00	0	102.5	91.3	126	49.01	4.45	20	
Bromoform	55.0	5.00	50.00	0	109.9	0	200	49.83	9.81	20	
Bromomethane	36.4	10.0	50.00	0	72.7	0	200	37.20	2.26	20	
Carbon disulfide	44.0	5.00	50.00	0	88.0	0	200	43.57	0.937	20	
Carbon tetrachloride	50.5	5.00	50.00	0	101.1	83.3	127	48.72	3.65	20	
Chlorobenzene	50.7	5.00	50.00	0	101.4	85.8	116	49.55	2.31	20	
Chloroethane	41.8	10.0	50.00	0	83.7	0	200	41.86	0.0478	20	
Chloroform	50.3	5.00	50.00	0	100.6	80	113	48.38	3.93	20	
Chloromethane	27.4	10.0	50.00	0	54.9	0	200	28.67	4.38	20	
cis-1,2-Dichloroethene	50.3	5.00	50.00	0	100.6	0	200	48.47	3.75	20	
cis-1,3-Dichloropropene	52.0	4.00	50.00	0	104.0	0	200	49.62	4.72	20	
Cyclohexanone	304	100	250.0	0	121.4	0	200	321.6	5.75	20	
Dibromochloromethane	52.8	5.00	50.00	0	105.6	89.1	119	50.01	5.39	20	
Dibromomethane	51.0	5.00	50.00	0	101.9	0	200	47.52	6.99	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-D-G100716-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677204</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	17.8	10.0	50.00	0	35.6	0	200	18.49	3.92	20	
Ethyl acetate	51.6	50.0	50.00	0	103.2	0	200	45.83	11.9	20	
Ethyl ether	48.7	5.00	50.00	0	97.3	0	200	46.02	5.60	20	
Ethyl methacrylate	56.2	5.00	50.00	0	112.5	0	200	52.68	6.52	20	
Ethylbenzene	51.2	5.00	50.00	0	102.4	84.1	115	50.06	2.25	20	
Heptane	49.6	20.0	50.00	0	99.2	0	200	49.31	0.546	20	
Hexachlorobutadiene	52.9	5.00	50.00	0	105.7	0	200	53.93	1.99	20	
Hexachloroethane	50.9	5.00	50.00	0	101.9	0	200	49.94	1.98	20	
Iodomethane	49.0	10.0	50.00	0	98.0	0	200	48.38	1.23	20	
Isopropylbenzene	51.5	5.00	50.00	0	103.1	0	200	50.72	1.60	20	
m,p-Xylenes	103	5.00	100.0	0	103.2	79.1	111	102.0	1.16	20	
Methacrylonitrile	50.5	50.0	50.00	0	100.9	0	200	44.40	12.8	20	
Methyl Methacrylate	55.9	5.00	50.00	0	111.9	0	200	50.05	11.1	20	
Methyl tert-butyl ether	52.0	2.00	50.00	0	103.9	80	128	48.01	7.88	20	
Methylacrylate	53.4	10.0	50.00	0	106.8	0	200	46.20	14.5	20	
Methylene chloride	46.6	5.00	50.00	0	93.3	73.9	116	45.05	3.47	20	
Naphthalene	55.5	10.0	50.00	0	111.0	73.1	135	53.48	3.74	20	
n-Butylbenzene	56.2	5.00	50.00	0	112.4	0	200	56.28	0.142	20	
n-Hexane	46.0	20.0	50.00	0	91.9	0	200	45.93	0.0653	20	
Nitrobenzene	40	100	50.00	0	80.6	0	200	50.68	0	20	J
n-Propylbenzene	51.7	5.00	50.00	0	103.4	0	200	51.09	1.19	20	
o-Xylene	50.5	5.00	50.00	0	101.0	82	117	49.81	1.40	20	
Pentachloroethane	53.8	5.00	50.00	0	107.6	0	200	52.47	2.50	20	
p-Isopropyltoluene	51.4	5.00	50.00	0	102.8	0	200	50.54	1.65	20	
Propionitrile	52.8	50.0	50.00	0	105.6	0	200	50.56	4.37	20	
sec-Butylbenzene	51.9	5.00	50.00	0	103.9	0	200	51.25	1.32	20	
Styrene	53.8	5.00	50.00	0	107.6	0	200	52.71	2.01	20	
tert-Butylbenzene	50.1	5.00	50.00	0	100.1	0	200	49.45	1.25	20	
Tetrachloroethene	51.7	5.00	50.00	0	103.4	74.6	115	50.81	1.72	20	
Tetrahydrofuran	52.3	50.0	50.00	0	104.7	0	200	45.18	14.7	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCSG-G100716-1</b>		SampType: <b>LCSG</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/15/2010</b>			RunNo: <b>137913</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61811</b>		<b>SW5035</b>		Analysis Date: <b>7/16/2010</b>			SeqNo: <b>2677204</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	49.0	5.00	50.00	0	98.0	79.1	112	47.89	2.31	20	
trans-1,2-Dichloroethene	47.7	5.00	50.00	0	95.4	0	200	46.81	1.93	20	
trans-1,3-Dichloropropene	51.9	4.00	50.00	0	103.8	0	200	48.89	5.95	20	
Trichloroethene	51.9	5.00	50.00	0	103.8	81	111	50.61	2.52	20	
Trichlorofluoromethane	43.2	5.00	50.00	0	86.5	0	200	42.20	2.41	20	
Vinyl acetate	55.1	50.0	50.00	0	110.1	0	200	49.04	11.6	20	
Vinyl chloride	34.9	2.00	50.00	0	69.8	0	200	35.39	1.34	20	
Surr: 1,2-Dichloroethane-d4	48.6		50.00		97.3	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	50.0		50.00		100	82.1	116		0	20	
Surr: Dibromofluoromethane	50.5		50.00		101.0	77.7	120		0	20	
Surr: Toluene-d8	49.4		50.00		98.9	86	116		0	20	

Sample ID: <b>LCSG-G100716-1</b>		SampType: <b>LCSG</b>		Units: <b>%REC</b>		Prep Date: <b>7/15/2010</b>			RunNo: <b>137913</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61811</b>		<b>SW5035</b>		Analysis Date: <b>7/16/2010</b>			SeqNo: <b>2677206</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	48.6		50.00		97.1	61	128				
Surr: 4-Bromofluorobenzene	50.9		50.00		101.9	78.2	117				
Surr: Dibromofluoromethane	48.4		50.00		96.9	66.6	130				
Surr: Toluene-d8	49.7		50.00		99.4	80.1	122				

Sample ID: <b>LCSGD-G100716-1</b>		SampType: <b>LCSGD</b>		Units: <b>%REC</b>		Prep Date: <b>7/15/2010</b>			RunNo: <b>137913</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61811</b>		<b>SW5035</b>		Analysis Date: <b>7/16/2010</b>			SeqNo: <b>2677207</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	47.4		50.00		94.9	61	128		0	0	
Surr: 4-Bromofluorobenzene	50.1		50.00		100.1	78.2	117		0	0	
Surr: Dibromofluoromethane	48.5		50.00		97.0	66.6	130		0	0	
Surr: Toluene-d8	49.3		50.00		98.6	80.1	122		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MBLK-G100716-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677208</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									
1,1,1,1-Trichloroethane	ND	5.00									
1,1,1,2-Tetrachloroethane	ND	5.00									
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.00									
1,1,1,2-Trichloroethane	ND	5.00									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.00									
1,1-Dichloroethene	ND	5.00									
1,1-Dichloropropene	ND	5.00									
1,2,3-Trichlorobenzene	ND	5.00									
1,2,3-Trichloropropane	ND	10.0									
1,2,3-Trimethylbenzene	ND	5.00									
1,2,4-Trichlorobenzene	ND	5.00									
1,2,4-Trimethylbenzene	ND	5.00									
1,2-Dibromo-3-chloropropane	ND	5.00									
1,2-Dibromoethane	ND	5.00									
1,2-Dichlorobenzene	ND	5.00									
1,2-Dichloroethane	ND	5.00									
1,2-Dichloropropane	ND	5.00									
1,3,5-Trimethylbenzene	ND	5.00									
1,3-Dichlorobenzene	ND	5.00									
1,3-Dichloropropane	ND	5.00									
1,4-Dichlorobenzene	ND	5.00									
1-Chlorobutane	ND	5.00									
2,2-Dichloropropane	ND	5.00									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.00									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.00									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MBLK-G100716-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677208</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10.0									
Allyl chloride	ND	5.00									
Benzene	ND	1.00									
Bromobenzene	ND	5.00									
Bromochloromethane	ND	5.00									
Bromodichloromethane	ND	5.00									
Bromoform	ND	5.00									
Bromomethane	ND	10.0									
Carbon disulfide	ND	5.00									
Carbon tetrachloride	ND	5.00									
Chlorobenzene	ND	5.00									
Chloroethane	ND	10.0									
Chloroform	ND	5.00									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	5.00									
cis-1,3-Dichloropropene	ND	4.00									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.00									
Dibromomethane	ND	5.00									
Dichlorodifluoromethane	ND	10.0									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.00									
Ethyl methacrylate	ND	5.00									
Ethylbenzene	ND	5.00									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.00									
Hexachloroethane	ND	5.00									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MBLK-G100716-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677208</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iodomethane	ND	10.0									
Isopropylbenzene	ND	5.00									
m,p-Xylenes	ND	5.00									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.00									
Methyl tert-butyl ether	ND	2.00									
Methylacrylate	ND	10.0									
Methylene chloride	ND	5.00									
Naphthalene	ND	10.0									
n-Butylbenzene	ND	5.00									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									
n-Propylbenzene	ND	5.00									
o-Xylene	ND	5.00									
Pentachloroethane	ND	5.00									
p-Isopropyltoluene	ND	5.00									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.00									
Styrene	ND	5.00									
tert-Butylbenzene	ND	5.00									
Tetrachloroethene	ND	5.00									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.00									
trans-1,2-Dichloroethene	ND	5.00									
trans-1,3-Dichloropropene	ND	4.00									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Surr: 1,2-Dichloroethane-d4	48.0		50.00		95.9	72.2	131				

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# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MBLK-G100716-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137913</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61811</b>	<b>SW5035</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677208</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	49.7		50.00		99.5	82.1	116				
Surr: Dibromofluoromethane	48.7		50.00		97.4	77.7	120				
Surr: Toluene-d8	49.2		50.00		98.4	86	116				

Sample ID: <b>LCS-F100719-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>137999</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61859</b>	<b>SW5035</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679299</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	49.8	5.00	50.00	0	99.7	0	200				
1,1,1-Trichloroethane	46.5	5.00	50.00	0	93.0	85.8	124				
1,1,2,2-Tetrachloroethane	55.6	5.00	50.00	0	111.2	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	43.3	5.00	50.00	0	86.5	0	200				
1,1,2-Trichloroethane	51.9	5.00	50.00	0	103.8	0	200				
1,1-Dichloro-2-propanone	111	50.0	125.0	0	88.9	0	200				
1,1-Dichloroethane	47.5	5.00	50.00	0	94.9	0	200				
1,1-Dichloroethene	41.7	5.00	50.00	0	83.4	60.1	131				
1,1-Dichloropropene	47.4	5.00	50.00	0	94.9	0	200				
1,2,3-Trichlorobenzene	58.4	5.00	50.00	0	116.8	0	200				
1,2,3-Trichloropropane	52.4	10.0	50.00	0	104.8	0	200				
1,2,3-Trimethylbenzene	52.1	5.00	50.00	0	104.2	0	200				
1,2,4-Trichlorobenzene	60.8	5.00	50.00	0	121.5	0	200				
1,2,4-Trimethylbenzene	56.8	5.00	50.00	0	113.5	0	200				
1,2-Dibromo-3-chloropropane	49.8	5.00	50.00	0	99.6	0	200				
1,2-Dibromoethane	52.3	5.00	50.00	0	104.6	86.9	119				
1,2-Dichlorobenzene	55.5	5.00	50.00	0	111.0	88	119				
1,2-Dichloroethane	46.5	5.00	50.00	0	93.0	73	117				
1,2-Dichloropropane	47.9	5.00	50.00	0	95.9	0	200				
1,3,5-Trimethylbenzene	56.0	5.00	50.00	0	112.1	0	200				
1,3-Dichlorobenzene	57.5	5.00	50.00	0	115.0	85.8	125				
1,3-Dichloropropane	54.2	5.00	50.00	0	108.4	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-F100719-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/19/2010</b>	RunNo: <b>137999</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61859</b>	<b>SW5035</b>				Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679299</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	56.3	5.00	50.00	0	112.7	84.5	124				
1-Chlorobutane	52.5	5.00	50.00	0	105.0	0	200				
2,2-Dichloropropane	47.1	5.00	50.00	0	94.2	0	200				
2-Butanone	108	50.0	125.0	0	86.4	45.3	136				
2-Chlorotoluene	57.0	5.00	50.00	0	114.1	0	200				
2-Hexanone	135	50.0	125.0	0	108.3	0	200				
2-Nitropropane	51.9	50.0	50.00	0	103.8	0	200				
4-Chlorotoluene	59.6	5.00	50.00	0	119.2	0	200				
4-Methyl-2-pentanone	119	50.0	125.0	0	95.3	0	200				
Acetone	110	50.0	125.0	0	88.3	0	200				
Acrolein	284	100	250.0	0	113.7	0	200				
Acrylonitrile	44.6	10.0	50.00	0	89.2	0	200				
Allyl chloride	46.7	5.00	50.00	0	93.5	0	200				
Benzene	46.6	1.00	50.00	0	93.1	73.9	109				
Bromobenzene	56.2	5.00	50.00	0	112.4	0	200				
Bromochloromethane	48.0	5.00	50.00	0	96.0	0	200				
Bromodichloromethane	46.9	5.00	50.00	0	93.8	91.3	126				
Bromoform	50.1	5.00	50.00	0	100.2	0	200				
Bromomethane	40.8	10.0	50.00	0	81.7	0	200				
Carbon disulfide	38.8	5.00	50.00	0	77.6	0	200				
Carbon tetrachloride	46.2	5.00	50.00	0	92.4	83.3	127				
Chlorobenzene	53.0	5.00	50.00	0	105.9	85.8	116				
Chloroethane	37.5	10.0	50.00	0	75.1	0	200				
Chloroform	47.0	5.00	50.00	0	94.0	80	113				
Chloromethane	19.9	10.0	50.00	0	39.7	0	200				
cis-1,2-Dichloroethene	46.7	5.00	50.00	0	93.3	0	200				
cis-1,3-Dichloropropene	47.9	4.00	50.00	0	95.7	0	200				
Cyclohexanone	254	100	250.0	0	101.5	0	200				
Dibromochloromethane	51.9	5.00	50.00	0	103.7	89.1	119				
Dibromomethane	45.7	5.00	50.00	0	91.4	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-F100719-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/19/2010</b>	RunNo: <b>137999</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61859</b>	<b>SW5035</b>				Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679299</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	10.7	10.0	50.00	0	21.4	0	200				
Ethyl acetate	44	50.0	50.00	0	88.2	0	200				J
Ethyl ether	43.8	5.00	50.00	0	87.6	0	200				
Ethyl methacrylate	52.0	5.00	50.00	0	103.9	0	200				
Ethylbenzene	52.3	5.00	50.00	0	104.5	84.1	115				
Heptane	47.0	20.0	50.00	0	94.1	0	200				
Hexachlorobutadiene	56.9	5.00	50.00	0	113.9	0	200				
Hexachloroethane	52.3	5.00	50.00	0	104.5	0	200				
Iodomethane	33.9	10.0	50.00	0	67.9	0	200				
Isopropylbenzene	52.8	5.00	50.00	0	105.5	0	200				
m,p-Xylenes	109	5.00	100.0	0	108.7	79.1	111				
Methacrylonitrile	46	50.0	50.00	0	92.2	0	200				J
Methyl Methacrylate	44.2	5.00	50.00	0	88.5	0	200				
Methyl tert-butyl ether	45.1	2.00	50.00	0	90.3	80	128				
Methylacrylate	46.1	10.0	50.00	0	92.1	0	200				
Methylene chloride	41.9	5.00	50.00	0	83.8	73.9	116				
Naphthalene	52.6	10.0	50.00	0	105.2	73.1	135				
n-Butylbenzene	60.4	5.00	50.00	0	120.9	0	200				
n-Hexane	46.6	20.0	50.00	0	93.2	0	200				
Nitrobenzene	42	100	50.00	0	83.9	0	200				J
n-Propylbenzene	56.9	5.00	50.00	0	113.9	0	200				
o-Xylene	52.8	5.00	50.00	0	105.6	82	117				
Pentachloroethane	55.2	5.00	50.00	0	110.3	0	200				
p-Isopropyltoluene	55.6	5.00	50.00	0	111.3	0	200				
Propionitrile	48	50.0	50.00	0	96.9	0	200				J
sec-Butylbenzene	56.2	5.00	50.00	0	112.4	0	200				
Styrene	54.4	5.00	50.00	0	108.7	0	200				
tert-Butylbenzene	55.4	5.00	50.00	0	110.7	0	200				
Tetrachloroethene	53.4	5.00	50.00	0	106.7	74.6	115				
Tetrahydrofuran	40	50.0	50.00	0	79.8	0	200				J

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# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-F100719-1</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/19/2010</b>		RunNo: <b>137999</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61859</b>		<b>SW5035</b>		Analysis Date: <b>7/19/2010</b>		SeqNo: <b>2679299</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	51.4	5.00	50.00	0	102.8	79.1	112				
trans-1,2-Dichloroethene	46.7	5.00	50.00	0	93.5	0	200				
trans-1,3-Dichloropropene	53.3	4.00	50.00	0	106.6	0	200				
Trichloroethene	47.5	5.00	50.00	0	95.0	81	111				
Trichlorofluoromethane	38.9	5.00	50.00	0	77.8	0	200				
Vinyl acetate	51.3	50.0	50.00	0	102.7	0	200				
Vinyl chloride	25.1	2.00	50.00	0	50.3	0	200				
Surr: 1,2-Dichloroethane-d4	51.0		50.00		102.1	72.2	131				
Surr: 4-Bromofluorobenzene	48.2		50.00		96.3	82.1	116				
Surr: Dibromofluoromethane	49.0		50.00		98.1	77.7	120				
Surr: Toluene-d8	54.1		50.00		108.1	86	116				

Sample ID: <b>LCSD-F100719-1</b>		SampType: <b>LCSD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/19/2010</b>		RunNo: <b>137999</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61859</b>		<b>SW5035</b>		Analysis Date: <b>7/19/2010</b>		SeqNo: <b>2679300</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	101.1	0	200	49.83	1.45	20	
1,1,1-Trichloroethane	45.2	5.00	50.00	0	90.5	85.8	124	46.48	2.73	20	
1,1,2,2-Tetrachloroethane	55.4	5.00	50.00	0	110.8	0	200	55.60	0.396	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	43.3	5.00	50.00	0	86.6	0	200	43.27	0.0693	20	
1,1,2-Trichloroethane	51.8	5.00	50.00	0	103.5	0	200	51.88	0.251	20	
1,1-Dichloro-2-propanone	111	50.0	125.0	0	88.7	0	200	111.2	0.225	20	
1,1-Dichloroethane	45.6	5.00	50.00	0	91.3	0	200	47.47	3.93	20	
1,1-Dichloroethene	41.1	5.00	50.00	0	82.1	60.1	131	41.69	1.50	20	
1,1-Dichloropropene	47.2	5.00	50.00	0	94.5	0	200	47.43	0.380	20	
1,2,3-Trichlorobenzene	56.5	5.00	50.00	0	113.1	0	200	58.41	3.27	20	
1,2,3-Trichloropropane	53.2	10.0	50.00	0	106.3	0	200	52.38	1.46	20	
1,2,3-Trimethylbenzene	53.4	5.00	50.00	0	106.8	0	200	52.12	2.39	20	
1,2,4-Trichlorobenzene	60.6	5.00	50.00	0	121.2	0	200	60.75	0.264	20	
1,2,4-Trimethylbenzene	55.8	5.00	50.00	0	111.6	0	200	56.75	1.71	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-D-F100719-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>137999</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61859</b>	<b>SW5035</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679300</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	49.6	5.00	50.00	0	99.2	0	200	49.80	0.382	20	
1,2-Dibromoethane	52.4	5.00	50.00	0	104.8	86.9	119	52.31	0.191	20	
1,2-Dichlorobenzene	55.7	5.00	50.00	0	111.4	88	119	55.49	0.360	20	
1,2-Dichloroethane	46.8	5.00	50.00	0	93.5	73	117	46.49	0.558	20	
1,2-Dichloropropane	46.7	5.00	50.00	0	93.3	0	200	47.93	2.69	20	
1,3,5-Trimethylbenzene	56.4	5.00	50.00	0	112.8	0	200	56.05	0.605	20	
1,3-Dichlorobenzene	58.1	5.00	50.00	0	116.2	85.8	125	57.48	1.09	20	
1,3-Dichloropropane	53.8	5.00	50.00	0	107.6	0	200	54.21	0.722	20	
1,4-Dichlorobenzene	57.9	5.00	50.00	0	115.9	84.5	124	56.34	2.78	20	
1-Chlorobutane	52.4	5.00	50.00	0	104.9	0	200	52.49	0.0953	20	
2,2-Dichloropropane	45.0	5.00	50.00	0	89.9	0	200	47.08	4.58	20	
2-Butanone	103	50.0	125.0	0	82.6	45.3	136	108.0	4.54	20	
2-Chlorotoluene	55.8	5.00	50.00	0	111.7	0	200	57.03	2.11	20	
2-Hexanone	135	50.0	125.0	0	107.6	0	200	135.4	0.630	20	
2-Nitropropane	51.1	50.0	50.00	0	102.2	0	200	51.90	1.51	20	
4-Chlorotoluene	57.5	5.00	50.00	0	115.0	0	200	59.60	3.57	20	
4-Methyl-2-pentanone	118	50.0	125.0	0	94.6	0	200	119.1	0.767	20	
Acetone	108	50.0	125.0	0	86.4	0	200	110.4	2.23	20	
Acrolein	286	100	250.0	0	114.5	0	200	284.3	0.715	20	
Acrylonitrile	44.9	10.0	50.00	0	89.8	0	200	44.62	0.581	20	
Allyl chloride	45.8	5.00	50.00	0	91.6	0	200	46.74	2.01	20	
Benzene	46.5	1.00	50.00	0	92.9	73.9	109	46.57	0.236	20	
Bromobenzene	55.4	5.00	50.00	0	110.9	0	200	56.19	1.34	20	
Bromochloromethane	48.4	5.00	50.00	0	96.8	0	200	47.99	0.871	20	
Bromodichloromethane	45.7	5.00	50.00	0	91.5	91.3	126	46.89	2.48	20	
Bromoform	50.5	5.00	50.00	0	101.0	0	200	50.09	0.835	20	
Bromomethane	39.3	10.0	50.00	0	78.5	0	200	40.83	3.90	20	
Carbon disulfide	37.8	5.00	50.00	0	75.6	0	200	38.82	2.61	20	
Carbon tetrachloride	45.9	5.00	50.00	0	91.8	83.3	127	46.22	0.695	20	
Chlorobenzene	53.9	5.00	50.00	0	107.7	85.8	116	52.95	1.70	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-D-F100719-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>137999</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61859</b>	<b>SW5035</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679300</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	36.7	10.0	50.00	0	73.4	0	200	37.54	2.24	20	
Chloroform	47.0	5.00	50.00	0	94.0	80	113	46.99	0.0638	20	
Chloromethane	20.4	10.0	50.00	0	40.7	0	200	19.87	2.39	20	
cis-1,2-Dichloroethene	45.7	5.00	50.00	0	91.3	0	200	46.66	2.17	20	
cis-1,3-Dichloropropene	47.6	4.00	50.00	0	95.1	0	200	47.86	0.608	20	
Cyclohexanone	250	100	250.0	0	100	0	200	253.9	1.58	20	
Dibromochloromethane	52.1	5.00	50.00	0	104.3	89.1	119	51.87	0.500	20	
Dibromomethane	45.0	5.00	50.00	0	90.0	0	200	45.71	1.57	20	
Dichlorodifluoromethane	10.7	10.0	50.00	0	21.5	0	200	10.68	0.560	20	
Ethyl acetate	46	50.0	50.00	0	91.8	0	200	44.10	0	20	J
Ethyl ether	43.2	5.00	50.00	0	86.3	0	200	43.81	1.47	20	
Ethyl methacrylate	51.5	5.00	50.00	0	103.1	0	200	51.97	0.850	20	
Ethylbenzene	53.4	5.00	50.00	0	106.7	84.1	115	52.26	2.08	20	
Heptane	45.6	20.0	50.00	0	91.2	0	200	47.04	3.13	20	
Hexachlorobutadiene	56.4	5.00	50.00	0	112.7	0	200	56.93	0.989	20	
Hexachloroethane	54.5	5.00	50.00	0	109.0	0	200	52.26	4.23	20	
Iodomethane	34.1	10.0	50.00	0	68.1	0	200	33.94	0.353	20	
Isopropylbenzene	53.4	5.00	50.00	0	106.7	0	200	52.77	1.11	20	
m,p-Xylenes	109	5.00	100.0	0	108.8	79.1	111	108.7	0.156	20	
Methacrylonitrile	46	50.0	50.00	0	92.2	0	200	46.10	0	20	J
Methyl Methacrylate	45.4	5.00	50.00	0	90.9	0	200	44.24	2.68	20	
Methyl tert-butyl ether	44.9	2.00	50.00	0	89.7	80	128	45.13	0.578	20	
Methylacrylate	45.3	10.0	50.00	0	90.5	0	200	46.06	1.75	20	
Methylene chloride	41.6	5.00	50.00	0	83.2	73.9	116	41.91	0.694	20	
Naphthalene	52.7	10.0	50.00	0	105.4	73.1	135	52.61	0.190	20	
n-Butylbenzene	60.5	5.00	50.00	0	121.0	0	200	60.44	0.0662	20	
n-Hexane	42.7	20.0	50.00	0	85.4	0	200	46.61	8.80	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	41.93	0	20	
n-Propylbenzene	57.6	5.00	50.00	0	115.2	0	200	56.93	1.15	20	
o-Xylene	53.6	5.00	50.00	0	107.2	82	117	52.82	1.45	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCSD-F100719-1</b>		SampType: <b>LCSD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/19/2010</b>			RunNo: <b>137999</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61859</b>		<b>SW5035</b>		Analysis Date: <b>7/19/2010</b>			SeqNo: <b>2679300</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachloroethane	55.3	5.00	50.00	0	110.7	0	200	55.16	0.326	20	
p-Isopropyltoluene	55.4	5.00	50.00	0	110.8	0	200	55.64	0.432	20	
Propionitrile	47	50.0	50.00	0	93.5	0	200	48.45	0	20	J
sec-Butylbenzene	54.8	5.00	50.00	0	109.5	0	200	56.21	2.61	20	
Styrene	54.1	5.00	50.00	0	108.2	0	200	54.37	0.479	20	
tert-Butylbenzene	55.8	5.00	50.00	0	111.5	0	200	55.35	0.720	20	
Tetrachloroethene	53.1	5.00	50.00	0	106.2	74.6	115	53.36	0.488	20	
Tetrahydrofuran	40	50.0	50.00	0	80.8	0	200	39.88	0	20	J
Toluene	51.2	5.00	50.00	0	102.4	79.1	112	51.42	0.390	20	
trans-1,2-Dichloroethene	46.1	5.00	50.00	0	92.2	0	200	46.74	1.34	20	
trans-1,3-Dichloropropene	54.2	4.00	50.00	0	108.4	0	200	53.30	1.69	20	
Trichloroethene	46.1	5.00	50.00	0	92.2	81	111	47.49	3.01	20	
Trichlorofluoromethane	37.7	5.00	50.00	0	75.4	0	200	38.88	3.06	20	
Vinyl acetate	50.3	50.0	50.00	0	100.7	0	200	51.33	1.97	20	
Vinyl chloride	26.6	2.00	50.00	0	53.2	0	200	25.14	5.72	20	
Surr: 1,2-Dichloroethane-d4	50.4		50.00		100.8	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	48.6		50.00		97.1	82.1	116		0	20	
Surr: Dibromofluoromethane	48.2		50.00		96.3	77.7	120		0	20	
Surr: Toluene-d8	53.3		50.00		106.7	86	116		0	20	

Sample ID: <b>LCSG-F100719-1</b>		SampType: <b>LCSG</b>		Units: <b>%REC</b>		Prep Date: <b>7/19/2010</b>			RunNo: <b>137999</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61859</b>		<b>SW5035</b>		Analysis Date: <b>7/19/2010</b>			SeqNo: <b>2679302</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	49.9		50.00		99.8	61	128				
Surr: 4-Bromofluorobenzene	48.5		50.00		96.9	78.2	117				
Surr: Dibromofluoromethane	48.0		50.00		96.1	66.6	130				
Surr: Toluene-d8	54.1		50.00		108.2	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: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCSGD-F100719-1</b>	SampType: <b>LCSGD</b>	Units: <b>%REC</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>137999</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61859</b>	<b>SW5035</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679303</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichloroethane-d4	49.2		50.00		98.4	61	128		0	0	
Surr: 4-Bromofluorobenzene	49.1		50.00		98.2	78.2	117		0	0	
Surr: Dibromofluoromethane	47.4		50.00		94.8	66.6	130		0	0	
Surr: Toluene-d8	53.0		50.00		106.0	80.1	122		0	0	

Sample ID: <b>MBLK-F100719-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>137999</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61859</b>	<b>SW5035</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679304</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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MBLK-F100719-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>137999</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61859</b>	<b>SW5035</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679304</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	ND	5.00									
1,4-Dichlorobenzene	ND	5.00									
1-Chlorobutane	ND	5.00									
2,2-Dichloropropane	ND	5.00									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.00									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.00									
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10.0									
Allyl chloride	ND	5.00									
Benzene	ND	1.00									
Bromobenzene	ND	5.00									
Bromochloromethane	ND	5.00									
Bromodichloromethane	ND	5.00									
Bromoform	ND	5.00									
Bromomethane	ND	10.0									
Carbon disulfide	ND	5.00									
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: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-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	1.2	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: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MBLK-F100719-1</b>		SampType: <b>MBLK</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/19/2010</b>		RunNo: <b>137999</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61859</b>		<b>SW5035</b>		Analysis Date: <b>7/19/2010</b>		SeqNo: <b>2679304</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									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Surr: 1,2-Dichloroethane-d4	50.5		50.00		101.0	72.2	131				
Surr: 4-Bromofluorobenzene	46.2		50.00		92.5	82.1	116				
Surr: Dibromofluoromethane	47.3		50.00		94.7	77.7	120				
Surr: Toluene-d8	53.8		50.00		107.6	86	116				

Sample ID: <b>LCSD-F100720-1</b>		SampType: <b>LCSD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/20/2010</b>		RunNo: <b>138014</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61874</b>		<b>SW5035</b>		Analysis Date: <b>7/20/2010</b>		SeqNo: <b>2679804</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	5.00	50.00	0	98.3	0	200	51.39	4.44	20	
1,1,1-Trichloroethane	44.2	5.00	50.00	0	88.4	85.8	124	43.94	0.567	20	
1,1,2,2-Tetrachloroethane	51.6	5.00	50.00	0	103.1	0	200	53.97	4.55	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	40.6	5.00	50.00	0	81.2	0	200	39.80	1.99	20	
1,1,2-Trichloroethane	51.9	5.00	50.00	0	103.8	0	200	52.92	1.95	20	
1,1-Dichloro-2-propanone	103	50.0	125.0	0	82.1	0	200	103.4	0.679	20	
1,1-Dichloroethane	44.4	5.00	50.00	0	88.7	0	200	43.98	0.860	20	
1,1-Dichloroethene	39.0	5.00	50.00	0	78.0	60.1	131	39.45	1.12	20	
1,1-Dichloropropene	45.1	5.00	50.00	0	90.1	0	200	44.73	0.735	20	
1,2,3-Trichlorobenzene	57.5	5.00	50.00	0	115.1	0	200	57.03	0.873	20	
1,2,3-Trichloropropane	51.4	10.0	50.00	0	102.8	0	200	53.70	4.38	20	
1,2,3-Trimethylbenzene	52.1	5.00	50.00	0	104.1	0	200	52.39	0.632	20	
1,2,4-Trichlorobenzene	59.5	5.00	50.00	0	118.9	0	200	59.17	0.489	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-D-F100720-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679804</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	54.3	5.00	50.00	0	108.6	0	200	53.17	2.14	20	
1,2-Dibromo-3-chloropropane	48.0	5.00	50.00	0	96.0	0	200	51.84	7.73	20	
1,2-Dibromoethane	51.0	5.00	50.00	0	102.0	86.9	119	52.61	3.07	20	
1,2-Dichlorobenzene	53.7	5.00	50.00	0	107.4	88	119	54.05	0.668	20	
1,2-Dichloroethane	44.1	5.00	50.00	0	88.2	73	117	45.61	3.37	20	
1,2-Dichloropropane	45.9	5.00	50.00	0	91.8	0	200	46.01	0.239	20	
1,3,5-Trimethylbenzene	53.5	5.00	50.00	0	107.0	0	200	52.94	1.03	20	
1,3-Dichlorobenzene	56.1	5.00	50.00	0	112.3	85.8	125	55.17	1.74	20	
1,3-Dichloropropane	50.3	5.00	50.00	0	100.7	0	200	52.86	4.90	20	
1,4-Dichlorobenzene	55.2	5.00	50.00	0	110.5	84.5	124	55.09	0.254	20	
1-Chlorobutane	49.6	5.00	50.00	0	99.2	0	200	48.35	2.57	20	
2,2-Dichloropropane	43.8	5.00	50.00	0	87.6	0	200	44.33	1.25	20	
2-Butanone	99.6	50.0	125.0	0	79.7	45.3	136	110.0	9.91	20	
2-Chlorotoluene	54.0	5.00	50.00	0	108.1	0	200	52.85	2.23	20	
2-Hexanone	126	50.0	125.0	0	101.0	0	200	137.6	8.54	20	
2-Nitropropane	51.2	50.0	50.00	0	102.4	0	200	54.29	5.84	20	
4-Chlorotoluene	54.6	5.00	50.00	0	109.2	0	200	54.84	0.439	20	
4-Methyl-2-pentanone	112	50.0	125.0	0	89.3	0	200	119.0	6.32	20	
Acetone	92.3	50.0	125.0	0	73.9	0	200	97.31	5.25	20	
Acrolein	291	100	250.0	0	116.3	0	200	292.0	0.467	20	
Acrylonitrile	41.0	10.0	50.00	0	81.9	0	200	45.33	10.1	20	
Allyl chloride	41.1	5.00	50.00	0	82.3	0	200	41.89	1.81	20	
Benzene	44.8	1.00	50.00	0	89.5	73.9	109	44.53	0.493	20	
Bromobenzene	53.9	5.00	50.00	0	107.8	0	200	54.24	0.610	20	
Bromochloromethane	45.6	5.00	50.00	0	91.2	0	200	46.20	1.29	20	
Bromodichloromethane	44.2	5.00	50.00	0	88.5	91.3	126	46.46	4.92	20	S
Bromoform	50.1	5.00	50.00	0	100.1	0	200	52.30	4.38	20	
Bromomethane	36.0	10.0	50.00	0	72.0	0	200	36.26	0.720	20	
Carbon disulfide	34.8	5.00	50.00	0	69.7	0	200	34.63	0.576	20	
Carbon tetrachloride	44.5	5.00	50.00	0	89.0	83.3	127	43.23	2.87	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-D-F100720-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679804</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	52.6	5.00	50.00	0	105.2	85.8	116	52.22	0.706	20	
Chloroethane	34.1	10.0	50.00	0	68.3	0	200	33.82	0.942	20	
Chloroform	45.4	5.00	50.00	0	90.7	80	113	45.42	0.110	20	
Chloromethane	16.7	10.0	50.00	0	33.3	0	200	15.81	5.24	20	
cis-1,2-Dichloroethene	45.3	5.00	50.00	0	90.5	0	200	45.66	0.880	20	
cis-1,3-Dichloropropene	45.7	4.00	50.00	0	91.5	0	200	47.35	3.46	20	
Cyclohexanone	251	100	250.0	0	100.2	0	200	258.3	3.05	20	
Dibromochloromethane	52.1	5.00	50.00	0	104.3	89.1	119	54.00	3.52	20	
Dibromomethane	44.5	5.00	50.00	0	89.0	0	200	46.32	4.05	20	
Dichlorodifluoromethane	7.5	10.0	50.00	0	15.0	0	200	6.800	0	20	J
Ethyl acetate	46	50.0	50.00	0	91.2	0	200	46.08	0	20	J
Ethyl ether	39.2	5.00	50.00	0	78.4	0	200	42.37	7.80	20	
Ethyl methacrylate	50.2	5.00	50.00	0	100.3	0	200	52.18	3.93	20	
Ethylbenzene	50.8	5.00	50.00	0	101.5	84.1	115	50.71	0.0986	20	
Heptane	43.2	20.0	50.00	0	86.5	0	200	45.51	5.09	20	
Hexachlorobutadiene	56.1	5.00	50.00	0	112.3	0	200	54.00	3.89	20	
Hexachloroethane	49.9	5.00	50.00	0	99.8	0	200	49.79	0.201	20	
Iodomethane	33.4	10.0	50.00	0	66.9	0	200	31.46	6.13	20	
Isopropylbenzene	52.0	5.00	50.00	0	104.0	0	200	51.61	0.753	20	
m,p-Xylenes	106	5.00	100.0	0	105.8	79.1	111	104.0	1.70	20	
Methacrylonitrile	43	50.0	50.00	0	86.8	0	200	46.27	0	20	J
Methyl Methacrylate	43.7	5.00	50.00	0	87.4	0	200	46.75	6.74	20	
Methyl tert-butyl ether	42.9	2.00	50.00	0	85.9	80	128	43.88	2.17	20	
Methylacrylate	44.0	10.0	50.00	0	87.9	0	200	46.02	4.58	20	
Methylene chloride	40.0	5.00	50.00	0	80.0	73.9	116	39.78	0.552	20	
Naphthalene	50.9	10.0	50.00	0	101.7	73.1	135	53.75	5.53	20	
n-Butylbenzene	56.9	5.00	50.00	0	113.8	0	200	56.73	0.282	20	
n-Hexane	40.5	20.0	50.00	0	81.1	0	200	38.52	5.09	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	0	0	20	
n-Propylbenzene	54.8	5.00	50.00	0	109.6	0	200	55.47	1.20	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-D-F100720-1</b>		SampType: <b>LCS-D</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/20/2010</b>			RunNo: <b>138014</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61874</b>		<b>SW5035</b>		Analysis Date: <b>7/20/2010</b>			SeqNo: <b>2679804</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	51.6	5.00	50.00	0	103.3	82	117	50.93	1.37	20	
Pentachloroethane	52.2	5.00	50.00	0	104.3	0	200	52.72	1.05	20	
p-Isopropyltoluene	52.6	5.00	50.00	0	105.3	0	200	53.11	0.889	20	
Propionitrile	45	50.0	50.00	0	90.0	0	200	45.24	0	20	J
sec-Butylbenzene	52.4	5.00	50.00	0	104.7	0	200	52.80	0.837	20	
Styrene	53.8	5.00	50.00	0	107.6	0	200	53.78	0.0186	20	
tert-Butylbenzene	51.8	5.00	50.00	0	103.6	0	200	52.66	1.61	20	
Tetrachloroethene	54.2	5.00	50.00	0	108.4	74.6	115	54.00	0.370	20	
Tetrahydrofuran	39	50.0	50.00	0	77.9	0	200	41.48	0	20	J
Toluene	51.0	5.00	50.00	0	101.9	79.1	112	50.32	1.28	20	
trans-1,2-Dichloroethene	43.3	5.00	50.00	0	86.6	0	200	42.94	0.835	20	
trans-1,3-Dichloropropene	52.9	4.00	50.00	0	105.8	0	200	52.24	1.24	20	
Trichloroethene	46.5	5.00	50.00	0	93.0	81	111	46.34	0.323	20	
Trichlorofluoromethane	34.6	5.00	50.00	0	69.3	0	200	33.76	2.57	20	
Vinyl acetate	47	50.0	50.00	0	94.1	0	200	48.53	0	20	J
Vinyl chloride	22.8	2.00	50.00	0	45.7	0	200	22.56	1.28	20	
Surr: 1,2-Dichloroethane-d4	48.4		50.00		96.8	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	49.6		50.00		99.1	82.1	116		0	20	
Surr: Dibromofluoromethane	47.9		50.00		95.7	77.7	120		0	20	
Surr: Toluene-d8	52.6		50.00		105.2	86	116		0	20	

Sample ID: <b>LCS-F100720-1</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/20/2010</b>			RunNo: <b>138014</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61874</b>		<b>SW5035</b>		Analysis Date: <b>7/20/2010</b>			SeqNo: <b>2679806</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	51.4	5.00	50.00	0	102.8	0	200				
1,1,1-Trichloroethane	43.9	5.00	50.00	0	87.9	85.8	124				
1,1,2,2-Tetrachloroethane	54.0	5.00	50.00	0	107.9	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	39.8	5.00	50.00	0	79.6	0	200				
1,1,2-Trichloroethane	52.9	5.00	50.00	0	105.8	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-F100720-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>				Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679806</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloro-2-propanone	103	50.0	125.0	0	82.7	0	200				
1,1-Dichloroethane	44.0	5.00	50.00	0	88.0	0	200				
1,1-Dichloroethene	39.4	5.00	50.00	0	78.9	60.1	131				
1,1-Dichloropropene	44.7	5.00	50.00	0	89.5	0	200				
1,2,3-Trichlorobenzene	57.0	5.00	50.00	0	114.1	0	200				
1,2,3-Trichloropropane	53.7	10.0	50.00	0	107.4	0	200				
1,2,3-Trimethylbenzene	52.4	5.00	50.00	0	104.8	0	200				
1,2,4-Trichlorobenzene	59.2	5.00	50.00	0	118.3	0	200				
1,2,4-Trimethylbenzene	53.2	5.00	50.00	0	106.3	0	200				
1,2-Dibromo-3-chloropropane	51.8	5.00	50.00	0	103.7	0	200				
1,2-Dibromoethane	52.6	5.00	50.00	0	105.2	86.9	119				
1,2-Dichlorobenzene	54.0	5.00	50.00	0	108.1	88	119				
1,2-Dichloroethane	45.6	5.00	50.00	0	91.2	73	117				
1,2-Dichloropropane	46.0	5.00	50.00	0	92.0	0	200				
1,3,5-Trimethylbenzene	52.9	5.00	50.00	0	105.9	0	200				
1,3-Dichlorobenzene	55.2	5.00	50.00	0	110.3	85.8	125				
1,3-Dichloropropane	52.9	5.00	50.00	0	105.7	0	200				
1,4-Dichlorobenzene	55.1	5.00	50.00	0	110.2	84.5	124				
1-Chlorobutane	48.4	5.00	50.00	0	96.7	0	200				
2,2-Dichloropropane	44.3	5.00	50.00	0	88.7	0	200				
2-Butanone	110	50.0	125.0	0	88.0	45.3	136				
2-Chlorotoluene	52.8	5.00	50.00	0	105.7	0	200				
2-Hexanone	138	50.0	125.0	0	110.0	0	200				
2-Nitropropane	54.3	50.0	50.00	0	108.6	0	200				
4-Chlorotoluene	54.8	5.00	50.00	0	109.7	0	200				
4-Methyl-2-pentanone	119	50.0	125.0	0	95.2	0	200				
Acetone	97.3	50.0	125.0	0	77.8	0	200				
Acrolein	292	100	250.0	0	116.8	0	200				
Acrylonitrile	45.3	10.0	50.00	0	90.7	0	200				
Allyl chloride	41.9	5.00	50.00	0	83.8	0	200				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: LCS-F100720-1	SampType: LCS	Units: µg/Kg				Prep Date: 7/20/2010	RunNo: 138014				
Client ID: ZZZZZZ	Batch ID: 61874	SW5035				Analysis Date: 7/20/2010	SeqNo: 2679806				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	44.5	1.00	50.00	0	89.1	73.9	109				
Bromobenzene	54.2	5.00	50.00	0	108.5	0	200				
Bromochloromethane	46.2	5.00	50.00	0	92.4	0	200				
Bromodichloromethane	46.5	5.00	50.00	0	92.9	91.3	126				
Bromoform	52.3	5.00	50.00	0	104.6	0	200				
Bromomethane	36.3	10.0	50.00	0	72.5	0	200				
Carbon disulfide	34.6	5.00	50.00	0	69.3	0	200				
Carbon tetrachloride	43.2	5.00	50.00	0	86.5	83.3	127				
Chlorobenzene	52.2	5.00	50.00	0	104.4	85.8	116				
Chloroethane	33.8	10.0	50.00	0	67.6	0	200				
Chloroform	45.4	5.00	50.00	0	90.8	80	113				
Chloromethane	15.8	10.0	50.00	0	31.6	0	200				
cis-1,2-Dichloroethene	45.7	5.00	50.00	0	91.3	0	200				
cis-1,3-Dichloropropene	47.4	4.00	50.00	0	94.7	0	200				
Cyclohexanone	258	100	250.0	0	103.3	0	200				
Dibromochloromethane	54.0	5.00	50.00	0	108.0	89.1	119				
Dibromomethane	46.3	5.00	50.00	0	92.6	0	200				
Dichlorodifluoromethane	6.8	10.0	50.00	0	13.6	0	200				J
Ethyl acetate	46	50.0	50.00	0	92.2	0	200				J
Ethyl ether	42.4	5.00	50.00	0	84.7	0	200				
Ethyl methacrylate	52.2	5.00	50.00	0	104.4	0	200				
Ethylbenzene	50.7	5.00	50.00	0	101.4	84.1	115				
Heptane	45.5	20.0	50.00	0	91.0	0	200				
Hexachlorobutadiene	54.0	5.00	50.00	0	108.0	0	200				
Hexachloroethane	49.8	5.00	50.00	0	99.6	0	200				
Iodomethane	31.5	10.0	50.00	0	62.9	0	200				
Isopropylbenzene	51.6	5.00	50.00	0	103.2	0	200				
m,p-Xylenes	104	5.00	100.0	0	104.0	79.1	111				
Methacrylonitrile	46	50.0	50.00	0	92.5	0	200				J
Methyl Methacrylate	46.8	5.00	50.00	0	93.5	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-F100720-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679806</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	43.9	2.00	50.00	0	87.8	80	128				
Methylacrylate	46.0	10.0	50.00	0	92.0	0	200				
Methylene chloride	39.8	5.00	50.00	0	79.6	73.9	116				
Naphthalene	53.8	10.0	50.00	0	107.5	73.1	135				
n-Butylbenzene	56.7	5.00	50.00	0	113.5	0	200				
n-Hexane	38.5	20.0	50.00	0	77.0	0	200				
Nitrobenzene	ND	100	50.00	0	0	0	200				
n-Propylbenzene	55.5	5.00	50.00	0	110.9	0	200				
o-Xylene	50.9	5.00	50.00	0	101.9	82	117				
Pentachloroethane	52.7	5.00	50.00	0	105.4	0	200				
p-Isopropyltoluene	53.1	5.00	50.00	0	106.2	0	200				
Propionitrile	45	50.0	50.00	0	90.5	0	200				J
sec-Butylbenzene	52.8	5.00	50.00	0	105.6	0	200				
Styrene	53.8	5.00	50.00	0	107.6	0	200				
tert-Butylbenzene	52.7	5.00	50.00	0	105.3	0	200				
Tetrachloroethene	54.0	5.00	50.00	0	108.0	74.6	115				
Tetrahydrofuran	42	50.0	50.00	0	83.0	0	200				J
Toluene	50.3	5.00	50.00	0	100.6	79.1	112				
trans-1,2-Dichloroethene	42.9	5.00	50.00	0	85.9	0	200				
trans-1,3-Dichloropropene	52.2	4.00	50.00	0	104.5	0	200				
Trichloroethene	46.3	5.00	50.00	0	92.7	81	111				
Trichlorofluoromethane	33.8	5.00	50.00	0	67.5	0	200				
Vinyl acetate	48	50.0	50.00	0	97.1	0	200				J
Vinyl chloride	22.6	2.00	50.00	0	45.1	0	200				
Surr: 1,2-Dichloroethane-d4	48.6		50.00		97.3	72.2	131				
Surr: 4-Bromofluorobenzene	49.2		50.00		98.3	82.1	116				
Surr: Dibromofluoromethane	47.7		50.00		95.4	77.7	120				
Surr: Toluene-d8	53.7		50.00		107.4	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCSG-F100720-1</b>	SampType: <b>LCSG</b>	Units: <b>%REC</b>	Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679807</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	49.0		50.00		98.0	61	128				
Surr: 4-Bromofluorobenzene	48.9		50.00		97.9	78.2	117				
Surr: Dibromofluoromethane	48.8		50.00		97.5	66.6	130				
Surr: Toluene-d8	53.0		50.00		106.1	80.1	122				

Sample ID: <b>LCSGD-F100720-1</b>	SampType: <b>LCSGD</b>	Units: <b>%REC</b>	Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679808</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	49.5		50.00		99.1	61	128		0	0	
Surr: 4-Bromofluorobenzene	49.8		50.00		99.7	78.2	117		0	0	
Surr: Dibromofluoromethane	48.4		50.00		96.8	66.6	130		0	0	
Surr: Toluene-d8	52.6		50.00		105.1	80.1	122		0	0	

Sample ID: <b>MBLK-F100720-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679817</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.00									
1,1,1-Trichloroethane	ND	5.00									
1,1,2,2-Tetrachloroethane	ND	5.00									
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.00									
1,1,2-Trichloroethane	ND	5.00									
1,1-Dichloro-2-propanone	ND	50.0									
1,1-Dichloroethane	ND	5.00									
1,1-Dichloroethene	ND	5.00									
1,1-Dichloropropene	ND	5.00									
1,2,3-Trichlorobenzene	ND	5.00									
1,2,3-Trichloropropane	ND	10.0									
1,2,3-Trimethylbenzene	ND	5.00									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MBLK-F100720-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679817</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	5.00									
1,2,4-Trimethylbenzene	ND	5.00									
1,2-Dibromo-3-chloropropane	ND	5.00									
1,2-Dibromoethane	ND	5.00									
1,2-Dichlorobenzene	ND	5.00									
1,2-Dichloroethane	ND	5.00									
1,2-Dichloropropane	ND	5.00									
1,3,5-Trimethylbenzene	ND	5.00									
1,3-Dichlorobenzene	ND	5.00									
1,3-Dichloropropane	ND	5.00									
1,4-Dichlorobenzene	ND	5.00									
1-Chlorobutane	ND	5.00									
2,2-Dichloropropane	ND	5.00									
2-Butanone	ND	50.0									
2-Chlorotoluene	ND	5.00									
2-Hexanone	ND	50.0									
2-Nitropropane	ND	50.0									
4-Chlorotoluene	ND	5.00									
4-Methyl-2-pentanone	ND	50.0									
Acetone	ND	50.0									
Acrolein	ND	100									
Acrylonitrile	ND	10.0									
Allyl chloride	ND	5.00									
Benzene	ND	1.00									
Bromobenzene	ND	5.00									
Bromochloromethane	ND	5.00									
Bromodichloromethane	ND	5.00									
Bromoform	ND	5.00									
Bromomethane	ND	10.0									
Carbon disulfide	ND	5.00									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MBLK-F100720-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679817</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	ND	5.00									
Chlorobenzene	ND	5.00									
Chloroethane	ND	10.0									
Chloroform	ND	5.00									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	5.00									
cis-1,3-Dichloropropene	ND	4.00									
Cyclohexanone	ND	100									
Dibromochloromethane	ND	5.00									
Dibromomethane	ND	5.00									
Dichlorodifluoromethane	ND	10.0									
Ethyl acetate	ND	50.0									
Ethyl ether	ND	5.00									
Ethyl methacrylate	ND	5.00									
Ethylbenzene	ND	5.00									
Heptane	ND	20.0									
Hexachlorobutadiene	ND	5.00									
Hexachloroethane	ND	5.00									
Iodomethane	ND	10.0									
Isopropylbenzene	ND	5.00									
m,p-Xylenes	ND	5.00									
Methacrylonitrile	ND	50.0									
Methyl Methacrylate	ND	5.00									
Methyl tert-butyl ether	ND	2.00									
Methylacrylate	ND	10.0									
Methylene chloride	1.5	5.00									J
Naphthalene	ND	10.0									
n-Butylbenzene	ND	5.00									
n-Hexane	ND	20.0									
Nitrobenzene	ND	100									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MBLK-F100720-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679817</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	ND	5.00									
o-Xylene	ND	5.00									
Pentachloroethane	ND	5.00									
p-Isopropyltoluene	ND	5.00									
Propionitrile	ND	50.0									
sec-Butylbenzene	ND	5.00									
Styrene	ND	5.00									
tert-Butylbenzene	ND	5.00									
Tetrachloroethene	ND	5.00									
Tetrahydrofuran	ND	50.0									
Toluene	ND	5.00									
trans-1,2-Dichloroethene	ND	5.00									
trans-1,3-Dichloropropene	ND	4.00									
Trichloroethene	ND	5.00									
Trichlorofluoromethane	ND	5.00									
Vinyl acetate	ND	50.0									
Vinyl chloride	ND	2.00									
Surr: 1,2-Dichloroethane-d4	51.2		50.00		102.5	72.2	131				
Surr: 4-Bromofluorobenzene	49.2		50.00		98.5	82.1	116				
Surr: Dibromofluoromethane	48.0		50.00		96.0	77.7	120				
Surr: Toluene-d8	52.8		50.00		105.5	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MB-61792</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137902</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677055</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10070607

Report Date: 23-Jul-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MB-61792</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137902</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677055</b>							
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MB-61792</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137902</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677055</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.77		1.670		106.2	52.1	113				
Surr: 2-Fluorobiphenyl	0.840		0.8350		100.6	46.3	106				
Surr: 2-Fluorophenol	1.42		1.670		85.2	50.6	89				
Surr: Nitrobenzene-d5	0.784		0.8350		93.9	42.4	99.2				
Surr: Phenol-d5	1.48		1.670		88.6	55.9	98.5				
Surr: p-Terphenyl-d14	0.938		0.8350		112.3	45.5	115				

Sample ID: <b>LCS-61792</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137902</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677056</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.50	0.500	1.670	0	89.7	43.9	92.2				
1,4-Dichlorobenzene	1.32	0.500	1.670	0	79.1	43.8	84.1				
2,4,5-Trichlorophenol	3.55	0.350	3.330	0	106.7	38.6	123				
2,4,6-Trichlorophenol	3.48	0.350	3.330	0	104.6	35.9	123				
2,4-Dimethylphenol	3.29	0.500	3.330	0	98.9	38.3	88				S
2,4-Dinitrophenol	3.47	1.00	3.330	0	104.1	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: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-61792</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date: <b>7/15/2010</b>	RunNo: <b>137902</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>				Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677056</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.56	0.350	1.670	0	93.5	48.6	102				
2-Chlorophenol	2.92	0.500	3.330	0	87.6	46.6	84				S
4-Chloro-3-methylphenol	3.51	0.500	3.330	0	105.3	51.5	94.9				S
4-Nitrophenol	3.95	0.350	3.330	0	118.5	53.2	104				S
Acenaphthene	1.51	0.350	1.670	0	90.2	50.8	113				
Acenaphthylene	1.61	0.350	1.670	0	96.3	52.8	121				
Anthracene	1.49	0.350	1.670	0	89.1	53.3	115				
Benzo(a)anthracene	1.41	0.350	1.670	0	84.5	62.3	110				
Benzo(a)pyrene	1.50	0.350	1.670	0	89.7	58.2	109				
Benzo(b)fluoranthene	1.52	0.350	1.670	0	90.8	51.8	107				
Benzo(g,h,i)perylene	1.48	0.350	1.670	0	88.9	49.6	121				
Benzo(k)fluoranthene	1.66	0.350	1.670	0	99.4	63.1	129				
Bis(2-ethylhexyl)phthalate	1.64	0.350	1.670	0	98.3	56.3	109				
Chrysene	1.50	0.350	1.670	0	89.8	58.4	115				
Dibenzo(a,h)anthracene	1.51	0.350	1.670	0	90.3	54.9	120				
Diethyl phthalate	2.90	0.500	3.330	0	87.1	51.7	106				
Dimethyl phthalate	2.76	0.350	3.330	0	82.9	58.8	104				
Di-n-butyl phthalate	1.61	0.350	1.670	0	96.5	54.3	105				
Fluoranthene	1.60	0.350	1.670	0	95.5	61.6	113				
Fluorene	1.50	0.350	1.670	0	89.8	52.2	116				
Hexachlorobenzene	3.03	0.350	3.330	0	91.0	55.9	106				
Hexachlorobutadiene	2.79	0.500	3.330	0	83.9	35.7	100				
Hexachloroethane	2.53	0.500	3.330	0	76.1	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.50	0.350	1.670	0	89.6	52.7	115				
m,p-Cresol	1.60	0.500	1.670	0	95.7	37.6	93.7				S
Naphthalene	1.48	0.350	1.670	0	88.4	45.7	101				
Nitrobenzene	2.71	0.500	3.330	0	81.5	51.8	104				
N-Nitroso-di-n-propylamine	1.33	0.500	1.670	0	79.5	49.1	94.5				
o-Cresol	1.60	0.500	1.670	0	95.9	43	101				
Pentachlorophenol	4.49	2.00	3.330	0	134.8	42.2	102				S

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-61792</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/15/2010</b>		RunNo: <b>137902</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61792</b>		<b>SW3550B</b>		Analysis Date: <b>7/16/2010</b>		SeqNo: <b>2677056</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.57	0.350	1.670	0	93.8	52.9	113				
Phenol	2.92	0.350	3.330	0	87.6	41.6	81.3				S
Pyrene	1.55	0.500	1.670	0	92.8	60.7	115				
Pyridine	1.94	0.500	3.330	0	58.4	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.75		1.670		104.7	52.1	113				
Surr: 2-Fluorobiphenyl	0.750		0.8350		89.8	46.3	106				
Surr: 2-Fluorophenol	1.37		1.670		82.1	50.6	89				
Surr: Nitrobenzene-d5	0.703		0.8350		84.1	42.4	99.2				
Surr: Phenol-d5	1.41		1.670		84.5	55.9	98.5				
Surr: p-Terphenyl-d14	0.851		0.8350		101.9	45.5	115				

Sample ID: <b>MB-61795</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137940</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61795</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2010</b>		SeqNo: <b>2677930</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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MB-61795</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137940</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61795</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2010</b>	SeqNo: <b>2677930</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	0.542		0.8330		65.1	17.5	123				
Surr: 2-Fluorophenol	1.03		1.670		61.8	23	117				
Surr: Nitrobenzene-d5	0.581		0.8330		69.7	35	105				
Surr: Phenol-d5	1.09		1.670		65.1	33.2	125				
Surr: p-Terphenyl-d14	0.643		0.8330		77.1	53.6	122				

Sample ID: <b>LCS-61795</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137940</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61795</b>	<b>SW3550B</b>	Analysis Date: <b>7/17/2010</b>	SeqNo: <b>2677931</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.107	0.003	0.1670	0	64.2	56.3	115				
Acenaphthylene	0.104	0.003	0.1670	0	62.5	60.3	143				
Anthracene	0.101	0.003	0.1670	0	60.6	52.1	109				
Benzo(a)anthracene	0.095	0.003	0.1670	0	57.1	52.8	112				
Benzo(a)pyrene	0.098	0.003	0.1670	0	58.7	40.8	127				
Benzo(b)fluoranthene	0.110	0.003	0.1670	0	65.6	50.1	150				
Benzo(g,h,i)perylene	0.108	0.003	0.1670	0	64.7	52.8	145				
Benzo(k)fluoranthene	0.106	0.003	0.1670	0	63.4	52	153				
Bis(2-ethylhexyl)phthalate	0.115	0.067	0.1670	0	68.8	50	150				
Chrysene	0.106	0.003	0.1670	0	63.7	60.8	128				
Dibenzo(a,h)anthracene	0.111	0.003	0.1670	0	66.6	54.9	150				
Diethyl phthalate	0.111	0.034	0.1670	0	66.7	50	150				
Dimethyl phthalate	0.113	0.034	0.1670	0	67.9	50	150				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-61795</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137940</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61795</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2010</b>		SeqNo: <b>2677931</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Di-n-butyl phthalate	0.109	0.034	0.1670	0	65.3	50	150				
Fluoranthene	0.107	0.003	0.1670	0	64.3	58.7	125				
Fluorene	0.107	0.003	0.1670	0	64.1	57.8	125				
Indeno(1,2,3-cd)pyrene	0.111	0.003	0.1670	0	66.3	52	147				
m,p-Cresol	0.107	0.010	0.1670	0	63.9	50	150				
Naphthalene	0.102	0.003	0.1670	0	60.9	54.8	113				
o-Cresol	0.104	0.003	0.1670	0	62.4	50	150				
Phenanthrene	0.109	0.003	0.1670	0	65.0	60.4	121				
Pyrene	0.107	0.003	0.1670	0	63.8	57.9	129				
Surr: 2-Fluorobiphenyl	0.564		0.8330		67.7	35.3	113				
Surr: 2-Fluorophenol	1.15		1.670		69.0	13.6	123				
Surr: Nitrobenzene-d5	0.612		0.8330		73.5	33.9	108				
Surr: Phenol-d5	1.15		1.670		68.6	33.7	129				
Surr: p-Terphenyl-d14	0.652		0.8330		78.3	58.4	122				

Sample ID: <b>LCS-61792</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/15/2010</b>		RunNo: <b>137943</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61792</b>		<b>SW3550B</b>		Analysis Date: <b>7/16/2010</b>		SeqNo: <b>2677958</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.27	0.0340	1.670	0	76.1	50.8	113				
Acenaphthylene	1.31	0.0340	1.670	0	78.5	52.8	121				
Anthracene	1.29	0.0340	1.670	0	77.4	53.3	115				
Benzo(a)anthracene	1.23	0.0340	1.670	0	73.4	62.3	110				
Benzo(a)pyrene	1.42	0.0340	1.670	0	84.9	58.2	109				
Benzo(b)fluoranthene	1.42	0.0340	1.670	0	85.3	51.8	107				
Benzo(g,h,i)perylene	1.33	0.0340	1.670	0	79.6	49.6	121				
Benzo(k)fluoranthene	1.53	0.0340	1.670	0	91.8	63.1	129				
Chrysene	1.30	0.0340	1.670	0	77.8	58.4	115				
Dibenzo(a,h)anthracene	1.46	0.0340	1.670	0	87.1	54.9	120				
Fluoranthene	1.52	0.0340	1.670	0	91.1	61.6	113				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>LCS-61792</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137943</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677958</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	1.39	0.0340	1.670	0	83.1	52.2	116				
Indeno(1,2,3-cd)pyrene	1.43	0.0340	1.670	0	85.5	52.7	115				
Naphthalene	1.34	0.0340	1.670	0	80.0	45.7	101				
Phenanthrene	1.34	0.0340	1.670	0	80.4	52.9	113				
Pyrene	1.45	0.0340	1.670	0	86.9	60.7	115				
Surr: 2-Fluorobiphenyl	0.864		0.8350		103.5	46.3	106				
Surr: Nitrobenzene-d5	0.597		0.8350		71.5	42.4	99.2				
Surr: p-Terphenyl-d14	0.887		0.8350		106.2	45.5	115				

Sample ID: <b>LCSDRO-61792</b>	SampType: <b>LCS</b>	Units: <b>%REC</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137943</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677959</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.813		0.8350		97.3	46.3	106				
Surr: Nitrobenzene-d5	0.599		0.8350		71.8	42.4	99.2				
Surr: p-Terphenyl-d14	0.903		0.8350		108.1	45.5	115				

Sample ID: <b>MB-61792</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137943</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677964</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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MB-61792</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137943</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677964</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	0.728		0.8350		87.2	46.3	106				
Surr: Nitrobenzene-d5	0.554		0.8350		66.3	42.4	99.2				
Surr: p-Terphenyl-d14	0.787		0.8350		94.2	45.5	115				

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW9014**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MB-61856</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61856</b>	<b>SW9010</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680180</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.50 0.50

Sample ID: <b>LCS-61856</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61856</b>	<b>SW9010</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680181</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 9.00 0.50 10.00 0 90.0 85 115



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW9014 (A)**

Lab Order: 10070607

Report Date: 23-Jul-10

Sample ID: <b>MB-61855</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61855</b>	<b>SOP2092</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679431</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide, Amenable to Chlorination < 0.50 0.50

Sample ID: <b>LCS-61855</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61855</b>	<b>SOP2092</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679432</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide, Amenable to Chlorination 8.95 0.50 10.00 0 89.5 85 115

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10070607

**Report Date:** 23-Jul-10

Carrier: Sean Spinner

Received By: DB

Completed by:

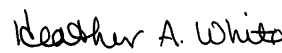


On:

15-Jul-10

Elizabeth A. Hurley

Reviewed by:



On:

16-Jul-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 6.0
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<div style="border: 1px solid black; padding: 2px;"><i>When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.</i></div>				
Water - 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.

-----  
Samples are labeled as A5, A4, and A3 on the containers, not all A5 as listed on the chain of custody. Jason Crompton was notified of the error via voicemail. EAH 7/15/10

Per Jason Crompton, report samples as A5, A4, and A3 as listed on the containers. EAH 7/16/10



# Chain of Custody Record

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

COC Serial No. **B** 09900

10070607

Project Name: Amena Campaign Project Mgr.: P. Szazama

Project Number: 644-0908-0120 Cost Code: J0002

Sampler(s): J. Crompton

Laboratory Name: Teklab

Location: Collinsville

Sample Number and (depth)

PS-A5-W(20) Date: 7-15-10 Time: 0850

PS-A5-W(20) \* Date: 7-15-10 Time: 0903

PS-A5-W(20) \*\* Date: 7-15-11 Time: 0920

PS-B2.5-F(20) Date: 7/15/10 Time: 1320

PS-B3.5-F(26) Date: 7/15/11 Time: 1330

\* labeled as A4 > can 7/15/10

\*\* labeled as A23 > can 7/15/10

Matrix	Total Number of Containers				
	Soil	Water	Air	Wipes	Other *
	X				
	X				
	X				
	X				
	X				

Analyses by Method Name and Number	
VOCs 8160	X
SVCS 8270	X
SVCS 8370 SWS	X
KOA Metals	X
Amenable + Total CHLORINE	X
TPH (091 ORA)	X

Comments (Field PID)	Lab ID #'s
<u>&gt; STATION</u>	<u>10070607-001</u>
	<u>002</u>
	<u>003</u>

Laboratory Temperature upon Receipt  
ice 6.0°C

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 G. Howell

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 7/15/10 Time 14:15

Signature \_\_\_\_\_ Date 7/15/10 Time 17:25

**Received by:** Signature \_\_\_\_\_ Date 7/15/10 Time 14:15

Signature \_\_\_\_\_ Date 7/15/10 Time 17:25

July 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:** A831-735002-012901-225/Ameren Champaign  
6240908012

**WorkOrder:** 10070644

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 7/16/2010 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:** 10070644

**Report Date:** 20-Jul-10

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10070644-001	P5-B2-F(24)	5	7/16/2010 8:15:00 AM
10070644-002	P5-B2-F(26)	5	7/16/2010 8:30:00 AM

---

ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10070644

**Report Date:** 20-Jul-10

**Cooler Receipt Temp:** 2.2 °C

### State accreditations:

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

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

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

**Surr** - Surrogate Standard added by lab

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

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

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

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

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

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

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

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

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10070644

**Client Sample ID:** P5-B2-F(24)

**Lab ID:** 10070644-001

**Collection Date:** 7/16/2010 8:15:00 AM

**Report Date:** 20-Jul-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		8.8	%	1	7/19/2010 1:30:00 PM	DLW
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		91.2	%	1	7/19/2010 1:30:00 PM	DLW
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		4.78	mg/Kg-dry	1	7/19/2010 5:51:22 PM	LAL
Barium	NELAP	0.47		17.0	mg/Kg-dry	1	7/19/2010 5:51:22 PM	LAL
Cadmium	NELAP	0.19	J	0.16	mg/Kg-dry	1	7/19/2010 5:51:22 PM	LAL
Chromium	NELAP	0.94		13.3	mg/Kg-dry	1	7/19/2010 5:51:22 PM	LAL
Lead	NELAP	3.77		13.3	mg/Kg-dry	1	7/20/2010 12:21:08 PM	JMW
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	7/19/2010 5:51:22 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	7/19/2010 2:38:04 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	5.43		12.5	mg/Kg-dry	1	7/19/2010 9:00:00 AM	DMH
Kerosene	NELAP	5.43		ND	mg/Kg-dry	1	7/19/2010 9:00:00 AM	DMH
Mineral Spirits	NELAP	5.43		ND	mg/Kg-dry	1	7/19/2010 9:00:00 AM	DMH
Motor Oil	NELAP	5.43	#	8.36	mg/Kg-dry	1	7/19/2010 9:00:00 AM	DMH
Surr: n-Tetracontane		50.6-140		81.4	%REC	1	7/19/2010 9:00:00 AM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.004		0.013	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.013	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Anthracene	NELAP	0.004		0.014	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.016	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.016	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.018	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.015	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.006	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.073		ND	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Chrysene	NELAP	0.004		0.017	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Fluoranthene	NELAP	0.004		0.025	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Fluorene	NELAP	0.004		0.016	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.009	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Naphthalene	NELAP	0.004		0.227	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Phenanthrene	NELAP	0.004		0.051	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Pyrene	NELAP	0.004		0.044	mg/Kg-dry	1	7/19/2010 11:52:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		66.3	%REC	1	7/19/2010 11:52:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		77.4	%REC	1	7/19/2010 11:52:00 AM	MAV

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070644  
**Lab ID:** 10070644-001  
**Report Date:** 20-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B2-F(24)  
**Collection Date:** 7/16/2010 8:15:00 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		88.1	%REC	1	7/19/2010 11:52:00 AM	MAW
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.543	S	ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.09		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
2-Chloronaphthalene	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
2-Chlorophenol	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
2-Methoxy-4-methylphenol		0.706		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
2-Methylnaphthalene	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
2-Nitroaniline	NELAP	1.09		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
2-Nitrophenol	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
3-Nitroaniline	NELAP	1.09		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.09		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
4-Chloroaniline	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
4-Nitroaniline	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
4-Nitrophenol	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Aniline	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Azobenzene		0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Benzidine	NELAP	1.15		see note	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Benzoic acid	NELAP	1.63		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Benzyl alcohol	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Carbazole		0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 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:** 10070644

**Client Sample ID:** P5-B2-F(24)

**Lab ID:** 10070644-001

**Collection Date:** 7/16/2010 8:15:00 AM

**Report Date:** 20-Jul-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	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Diethyl phthalate	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Dimethyl phthalate	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Hexachlorobenzene	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Hexachlorobutadiene	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Hexachloroethane	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Isophorone	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
m,p-Cresol	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Nitrobenzene	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
o-Cresol	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Pentachlorophenol	NELAP	2.17		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Phenol	NELAP	0.380		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Pyridine	NELAP	0.543		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
1,2-Diphenylhydrazine		0.912		ND	mg/Kg-dry	1	7/19/2010 11:01:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		75.7	%REC	1	7/19/2010 11:01:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		77.9	%REC	1	7/19/2010 11:01:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		63.4	%REC	1	7/19/2010 11:01:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		71.8	%REC	1	7/19/2010 11:01:00 AM	DMH
Surr: Phenol-d5		34.9-110		71.4	%REC	1	7/19/2010 11:01:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		93.0	%REC	1	7/19/2010 11:01:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,1,1-Trichloroethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,1,2-Trichloroethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,1-Dichloro-2-propanone		79200		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,1-Dichloroethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,1-Dichloroethene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,1-Dichloropropene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,2,3-Trichloropropane	NELAP	15800		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070644  
**Lab ID:** 10070644-001  
**Report Date:** 20-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B2-F(24)  
**Collection Date:** 7/16/2010 8:15:00 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>								
1,2,3-Trimethylbenzene		7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,2-Dibromoethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,2-Dichlorobenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,2-Dichloroethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,2-Dichloropropane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,3-Dichlorobenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,3-Dichloropropane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1,4-Dichlorobenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
1-Chlorobutane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
2,2-Dichloropropane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
2-Butanone	NELAP	79200		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
2-Chlorotoluene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
2-Hexanone	NELAP	79200		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
2-Nitropropane	NELAP	79200		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
4-Chlorotoluene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
4-Methyl-2-pentanone	NELAP	79200		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Acetone	NELAP	79200		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Acetonitrile	NELAP	158000		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Acrolein	NELAP	158000		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Acrylonitrile	NELAP	15800		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Allyl chloride	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Benzene	NELAP	1580		68000	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Bromobenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Bromochloromethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Bromodichloromethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Bromoform	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Bromomethane	NELAP	15800		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Carbon disulfide	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Carbon tetrachloride	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Chlorobenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Chloroethane	NELAP	15800		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Chloroform	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Chloromethane	NELAP	15800		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070644  
**Lab ID:** 10070644-001  
**Report Date:** 20-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B2-F(24)  
**Collection Date:** 7/16/2010 8:15:00 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>								
cis-1,3-Dichloropropene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Cyclohexanone		158000		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Dibromochloromethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Dibromomethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Dichlorodifluoromethane	NELAP	15800		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Ethyl acetate	NELAP	79200		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Ethyl ether	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Ethyl methacrylate	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Ethylbenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Gasoline Range Organics (OA-1)		1580000		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Heptane		31700		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Hexachlorobutadiene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Hexachloroethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Iodomethane	NELAP	15800		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Isopropylbenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
m,p-Xylenes	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Methacrylonitrile	NELAP	79200		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Methyl Methacrylate	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Methyl tert-butyl ether	NELAP	3170		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Methylacrylate		15800		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Methylene chloride	NELAP	7920	J	1900	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Naphthalene	NELAP	15800		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
n-Butylbenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
n-Hexane		31700		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Nitrobenzene	NELAP	158000		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
n-Propylbenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
o-Xylene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Pentachloroethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
p-Isopropyltoluene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Propionitrile	NELAP	79200		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
sec-Butylbenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Styrene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
tert-Butylbenzene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Tetrachloroethene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Tetrahydrofuran	NELAP	79200		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Toluene	NELAP	7920	J	3100	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070644  
**Lab ID:** 10070644-001  
**Report Date:** 20-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B2-F(24)  
**Collection Date:** 7/16/2010 8:15:00 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>								
trans-1,4-Dichloro-2-butene	NELAP	15800		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Trichloroethene	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Trichlorofluoromethane	NELAP	7920		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Vinyl acetate	NELAP	79200		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Vinyl chloride	NELAP	3170		ND	µg/Kg-dry	500	7/20/2010 1:10:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.9	%REC	500	7/20/2010 1:10:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		95.7	%REC	500	7/20/2010 1:10:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.1	%REC	500	7/20/2010 1:10:00 PM	RWE
Surr: Toluene-d8		86-116		101.8	%REC	500	7/20/2010 1:10:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	7/19/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.51		< 0.51	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.52		< 0.52	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM

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

LCS was outside upper QC limits. Sample was ND.

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

Marginal Exceedance on Bromodichloromethane in the LCSD is verified per NELAC Appendix D 1.1.2

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:** 10070644  
**Lab ID:** 10070644-002  
**Report Date:** 20-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B2-F(26)  
**Collection Date:** 7/16/2010 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		12.6	%	1	7/19/2010 1:30:00 PM	DLW
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.4	%	1	7/19/2010 1:30:00 PM	DLW
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.45		5.11	mg/Kg-dry	1	7/19/2010 6:11:23 PM	LAL
Barium	NELAP	0.49		16.6	mg/Kg-dry	1	7/19/2010 6:11:23 PM	LAL
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	7/19/2010 6:11:23 PM	LAL
Chromium	NELAP	0.98		12.1	mg/Kg-dry	1	7/19/2010 6:11:23 PM	LAL
Lead	NELAP	3.92		9.08	mg/Kg-dry	1	7/20/2010 12:29:36 PM	JMW
Silver	NELAP	0.54		0.74	mg/Kg-dry	1	7/19/2010 6:11:23 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	7/19/2010 2:48:10 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	5.69	#	108	mg/Kg-dry	1	7/19/2010 9:52:00 AM	DMH
Kerosene	NELAP	5.69		ND	mg/Kg-dry	1	7/19/2010 9:52:00 AM	DMH
Mineral Spirits	NELAP	5.69		ND	mg/Kg-dry	1	7/19/2010 9:52:00 AM	DMH
Motor Oil	NELAP	5.69	#	19.6	mg/Kg-dry	1	7/19/2010 9:52:00 AM	DMH
Surr: n-Tetracontane		50.6-140		88.0	%REC	1	7/19/2010 9:52:00 AM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.097	SR	0.220	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Acenaphthylene	NELAP	0.097	SR	0.487	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Anthracene	NELAP	0.097	SR	0.433	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Benzo(a)anthracene	NELAP	0.097	SR	0.318	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Benzo(a)pyrene	NELAP	0.097	S	0.261	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.097	SR	0.207	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.097	SR	0.147	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.097		ND	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	1.91	S	ND	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Chrysene	NELAP	0.097	SR	0.234	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.097		ND	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Fluoranthene	NELAP	0.097	S	0.536	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Fluorene	NELAP	0.097	SR	0.521	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.097	R	0.105	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Naphthalene	NELAP	0.097	SR	2.94	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Phenanthrene	NELAP	0.097	SR	1.51	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Pyrene	NELAP	0.097	SR	0.829	mg/Kg-dry	25	7/19/2010 11:15:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		59.0	%REC	25	7/19/2010 11:15:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		76.3	%REC	25	7/19/2010 11:15:00 AM	MAV

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070644  
**Lab ID:** 10070644-002  
**Report Date:** 20-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B2-F(26)  
**Collection Date:** 7/16/2010 8:30:00 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>76.6</b>	%REC	25	7/19/2010 11:15:00 AM	MAW
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
1,2-Dichlorobenzene	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
1,3-Dichlorobenzene	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
1,4-Dichlorobenzene	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
2,4-Dichlorophenol	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
2,4-Dimethylphenol	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
2,4-Dinitrophenol	NELAP	1.14		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
2-Chloronaphthalene	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
2-Chlorophenol	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
2-Methoxy-4-methylphenol		0.741		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
2-Methylnaphthalene	NELAP	0.399		<b>1.38</b>	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
2-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
2-Nitrophenol	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
3-Nitroaniline	NELAP	1.14		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.14		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
4-Chloroaniline	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
4-Nitroaniline	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
4-Nitrophenol	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Aniline	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Azobenzene		0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Benzidine	NELAP	1.20		see note	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Benzoic acid	NELAP	1.71		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Benzyl alcohol	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Carbazole		0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070644  
**Lab ID:** 10070644-002  
**Report Date:** 20-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B2-F(26)  
**Collection Date:** 7/16/2010 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Dibenzofuran	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Diethyl phthalate	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Dimethyl phthalate	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Hexachlorobenzene	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Hexachlorobutadiene	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Hexachloroethane	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Isophorone	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
m,p-Cresol	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Nitrobenzene	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
N-Nitrosodimethylamine	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
o-Cresol	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Pentachlorophenol	NELAP	2.28		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Phenol	NELAP	0.399		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Pyridine	NELAP	0.570		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
1,2-Diphenylhydrazine		0.958		ND	mg/Kg-dry	1	7/19/2010 1:09:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		69.4	%REC	1	7/19/2010 1:09:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		64.0	%REC	1	7/19/2010 1:09:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		64.1	%REC	1	7/19/2010 1:09:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		68.3	%REC	1	7/19/2010 1:09:00 PM	DMH
Surr: Phenol-d5		34.9-110		70.5	%REC	1	7/19/2010 1:09:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		82.9	%REC	1	7/19/2010 1:09:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,1,1-Trichloroethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,1,2-Trichloroethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,1-Dichloro-2-propanone		20800		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,1-Dichloroethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,1-Dichloroethene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,1-Dichloropropene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,2,3-Trichloropropane	NELAP	4150		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070644  
**Lab ID:** 10070644-002  
**Report Date:** 20-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B2-F(26)  
**Collection Date:** 7/16/2010 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,3-Trimethylbenzene		2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,2-Dibromoethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,2-Dichlorobenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,2-Dichloroethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,2-Dichloropropane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,3-Dichlorobenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,3-Dichloropropane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1,4-Dichlorobenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
1-Chlorobutane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
2,2-Dichloropropane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
2-Butanone	NELAP	20800		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
2-Chlorotoluene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
2-Hexanone	NELAP	20800		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
2-Nitropropane	NELAP	20800		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
4-Chlorotoluene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
4-Methyl-2-pentanone	NELAP	20800		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Acetone	NELAP	20800		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Acetonitrile	NELAP	41500		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Acrolein	NELAP	41500		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Acrylonitrile	NELAP	4150		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Allyl chloride	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Benzene	NELAP	415		19900	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Bromobenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Bromochloromethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Bromodichloromethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Bromoform	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Bromomethane	NELAP	4150		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Carbon disulfide	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Carbon tetrachloride	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Chlorobenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Chloroethane	NELAP	4150		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Chloroform	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Chloromethane	NELAP	4150		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 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:** 10070644

**Client Sample ID:** P5-B2-F(26)

**Lab ID:** 10070644-002

**Collection Date:** 7/16/2010 8:30:00 AM

**Report Date:** 20-Jul-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	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Cyclohexanone		41500		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Dibromochloromethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Dibromomethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Dichlorodifluoromethane	NELAP	4150		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Ethyl acetate	NELAP	20800		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Ethyl ether	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Ethyl methacrylate	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Ethylbenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Gasoline Range Organics (OA-1)		415000		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Heptane		8310		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Hexachlorobutadiene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Hexachloroethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Iodomethane	NELAP	4150		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Isopropylbenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
m,p-Xylenes	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Methacrylonitrile	NELAP	20800		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Methyl Methacrylate	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Methyl tert-butyl ether	NELAP	831		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Methylacrylate		4150		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Methylene chloride	NELAP	2080	J	530	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Naphthalene	NELAP	4150		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
n-Butylbenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
n-Hexane		8310		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Nitrobenzene	NELAP	41500		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
n-Propylbenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
o-Xylene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Pentachloroethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
p-Isopropyltoluene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Propionitrile	NELAP	20800		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
sec-Butylbenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Styrene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
tert-Butylbenzene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Tetrachloroethene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Tetrahydrofuran	NELAP	20800		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Toluene	NELAP	2080		5060	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10070644  
**Lab ID:** 10070644-002  
**Report Date:** 20-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-B2-F(26)  
**Collection Date:** 7/16/2010 8:30:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
trans-1,4-Dichloro-2-butene	NELAP	4150		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Trichloroethene	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Trichlorofluoromethane	NELAP	2080		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Vinyl acetate	NELAP	20800		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Vinyl chloride	NELAP	831		ND	µg/Kg-dry	250	7/20/2010 1:39:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		102.3	%REC	250	7/20/2010 1:39:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		97.1	%REC	250	7/20/2010 1:39:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		95.6	%REC	250	7/20/2010 1:39:00 PM	RWE
Surr: Toluene-d8		86-116		102.1	%REC	250	7/20/2010 1:39:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	7/19/2010	MEK
<b><u>SW-846 9010B, 9014</u></b>								
Cyanide	NELAP	0.52		0.63	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM
<b><u>SW-846 9014A</u></b>								
Cyanide, Amenable to Chlorination		0.56		Interference	mg/Kg-dry	1	7/20/2010 1:36:00 AM	NJM

### 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.  
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 on Bromodichloromethane in the LCSD is verified per NELAC Appendix D 1.1.2  
Elevated reporting limit due to high levels of target and/or non-target analytes.

ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## DATES REPORT

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

**Lab Order:** 10070644

**Report Date:** 20-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10070644-001A	P5-B2-F(24)	7/16/2010	Solid	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	7/16/2010 8:54:08 PM	7/19/2010 9:00:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 10:52:13 PM	7/19/2010 10:38:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 10:52:13 PM	7/19/2010 11:52:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 8:55:19 PM	7/19/2010 11:01:00 AM
10070644-001B				EPA SW846 3550C, 5035A, ASTM D2974		7/19/2010 1:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/19/2010 1:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 6:18:37 PM	7/19/2010 5:51:22 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 6:18:37 PM	7/20/2010 12:21:08 PM
				SW-846 3050B, Metals by GFAA	7/16/2010 6:19:09 PM	7/19/2010 2:38:04 PM
				SW-846 7471A	7/19/2010 10:08:08 AM	7/19/2010
				SW-846 9010B, 9014	7/19/2010 1:00:00 PM	7/20/2010 1:36:00 AM
				SW-846 9014A	7/19/2010 1:00:00 PM	7/20/2010 1:36:00 AM
10070644-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/20/2010 1:10:00 PM
10070644-002A	P5-B2-F(26)			SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	7/16/2010 8:54:09 PM	7/19/2010 9:52:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 10:52:13 PM	7/19/2010 11:15:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/16/2010 8:55:19 PM	7/19/2010 1:09:00 PM
10070644-002B				EPA SW846 3550C, 5035A, ASTM D2974		7/19/2010 1:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/19/2010 1:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 6:18:37 PM	7/19/2010 6:11:23 PM
				SW-846 3050B, 6010B, Metals by ICP	7/16/2010 6:18:37 PM	7/20/2010 12:29:36 PM
				SW-846 3050B, Metals by GFAA	7/16/2010 6:19:10 PM	7/19/2010 2:48:10 PM
				SW-846 7471A	7/19/2010 10:08:08 AM	7/19/2010

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:** 10070644

**Report Date:** 20-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10070644-002B	P5-B2-F(26)	7/16/2010	Solid	SW-846 9010B, 9014	7/19/2010 1:00:00 PM	7/20/2010 1:36:00 AM
				SW-846 9014A	7/19/2010 1:00:00 PM	7/20/2010 1:36:00 AM
10070644-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/20/2010 1:39:00 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: 10070644

Report Date: 20-Jul-10

Sample ID: <b>LCS-R138012</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>138012</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R138012</b>		Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679784</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>138012</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R138012</b>		Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679785</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>10070644-002BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>138012</b>							
Client ID: <b>P5-B2-F(26)DUP</b>	Batch ID: <b>R138012</b>		Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679788</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	86.2	0.1						87.35	1.31	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: 10070644

Report Date: 20-Jul-10

Sample ID: <b>MB-61812</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>137950</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61812</b>	<b>SOP 3032</b>				Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679485</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	1.000	0	0	-100	100				

Sample ID: <b>LCS-61812</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>137950</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61812</b>	<b>SOP 3032</b>				Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679486</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	105.8	85	115				
Barium	203	0.50	200.0	0	101.4	85	115				
Cadmium	5.07	0.20	5.000	0	101.4	85	115				
Chromium	21.4	1.00	20.00	0	107.2	85	115				
Silver	5.48	0.55	5.000	0	109.6	85	115				

Sample ID: <b>10070644-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>137950</b>				
Client ID: <b>P5-B2-F(24)MS</b>	Batch ID: <b>61812</b>	<b>SOP 3032</b>				Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679491</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	186	2.36	188.7	4.783	95.8	75	125				
Barium	177	0.47	188.7	16.96	84.6	75	125				
Cadmium	4.09	0.19	4.717	0.1604	83.4	75	125				
Chromium	32.0	0.94	18.87	13.31	98.9	75	125				
Silver	5.23	0.52	4.717	0	110.8	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW6010B

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>10070644-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>137950</b>				
Client ID: <b>P5-B2-F(24)MSD</b>	Batch ID: <b>61812</b>	SOP <b>3032</b>				Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2679492</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	183	2.36	188.7	4.783	94.5	75	125	185.6	1.33	20	
Barium	180	0.47	188.7	16.96	86.2	75	125	176.5	1.70	20	
Cadmium	4.06	0.19	4.717	0.1604	82.6	75	125	4.094	0.926	20	
Chromium	31.0	0.94	18.87	13.31	93.6	75	125	31.96	3.15	20	
Silver	5.11	0.52	4.717	0	108.4	75	125	5.226	2.19	20	

Sample ID: <b>MB-61812</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>138016</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61812</b>	SOP <b>3032</b>				Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679933</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-61812</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>138016</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61812</b>	SOP <b>3032</b>				Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679934</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	49.5	4.00	50.00	0	99.0	85	115				
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Sample ID: <b>10070644-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>138016</b>				
Client ID: <b>P5-B2-F(24)MS</b>	Batch ID: <b>61812</b>	SOP <b>3032</b>				Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679937</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	51.8	3.77	47.17	13.33	81.6	75	125				
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Sample ID: <b>10070644-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/16/2010</b>	RunNo: <b>138016</b>				
Client ID: <b>P5-B2-F(24)MSD</b>	Batch ID: <b>61812</b>	SOP <b>3032</b>				Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679938</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	50.0	3.77	47.17	13.33	77.8	75	125	51.84	3.52	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: 10070644

Report Date: 20-Jul-10

Sample ID: <b>MB-61827</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137977</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61827</b>	<b>SOP 3042</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2678793</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-61827</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137977</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61827</b>	<b>SOP 3042</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2678794</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 2.40 0.600 3.000 0 80.0 80 120

Sample ID: <b>10070644-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137977</b>							
Client ID: <b>P5-B2-F(24)MSD</b>	Batch ID: <b>61827</b>	<b>SOP 3042</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2678797</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 2.21 1.20 3.000 0 73.6 70 130 2.122 3.89 20

Sample ID: <b>10070644-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137977</b>							
Client ID: <b>P5-B2-F(24)MS</b>	Batch ID: <b>61827</b>	<b>SOP 3042</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2678799</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium 7740 2.12 1.20 3.000 0 70.7 70 130

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW7471 A

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>MB-61844</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>137967</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61844</b>	<b>SOP 3063</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2678620</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-61844</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>137967</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61844</b>	<b>SOP 3063</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2678621</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.257 0.010 0.2500 0 102.8 85 115

Sample ID: <b>10070644-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>137967</b>							
Client ID: <b>P5-B2-F(24)MS</b>	Batch ID: <b>61844</b>	<b>SOP 3063</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2678623</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.285 0.011 0.2642 0.008455 104.8 75 125

Sample ID: <b>10070644-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>137967</b>							
Client ID: <b>P5-B2-F(24)MSD</b>	Batch ID: <b>61844</b>	<b>SOP 3063</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2678624</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.287 0.011 0.2642 0.008455 105.6 75 125 0.2854 0.738 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8015M/OA2

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>MB-61800</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137920</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61800</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677420</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	0.49		0.6700		73.0	54.8	128				

Sample ID: <b>LCS-61800</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137920</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61800</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677421</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	12.0	5.00	16.70	0	71.6	40.4	121				
Surr: n-Tetracontane	0.45		0.6700		66.9	54.8	128				

Sample ID: <b>10070644-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137965</b>							
Client ID: <b>P5-B2-F(24)MS</b>	Batch ID: <b>61800</b>	<b>SW3550B</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2678598</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	25.7	5.36	17.89	12.50	73.6	20.3	167				
Surr: n-Tetracontane	0.64		0.7179		89.4	53.9	153				

Sample ID: <b>10070644-001MSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/16/2010</b>	RunNo: <b>137965</b>							
Client ID: <b>P5-B2-F(24)MSD</b>	Batch ID: <b>61800</b>	<b>SW3550B</b>	Analysis Date: <b>7/19/2010</b>	SeqNo: <b>2678599</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	26.0	5.33	17.81	12.50	75.6	20.3	167	25.66	1.15	34	
Surr: n-Tetracontane	0.63		0.7144		88.8	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: 10070644

Report Date: 20-Jul-10

Sample ID: <b>LCS-D-F100720-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679804</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	5.00	50.00	0	98.3	0	200	51.39	4.44	20	
1,1,1-Trichloroethane	44.2	5.00	50.00	0	88.4	85.8	124	43.94	0.567	20	
1,1,2,2-Tetrachloroethane	51.6	5.00	50.00	0	103.1	0	200	53.97	4.55	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	40.6	5.00	50.00	0	81.2	0	200	39.80	1.99	20	
1,1,2-Trichloroethane	51.9	5.00	50.00	0	103.8	0	200	52.92	1.95	20	
1,1-Dichloro-2-propanone	103	50.0	125.0	0	82.1	0	200	103.4	0.679	20	
1,1-Dichloroethane	44.4	5.00	50.00	0	88.7	0	200	43.98	0.860	20	
1,1-Dichloroethene	39.0	5.00	50.00	0	78.0	60.1	131	39.45	1.12	20	
1,1-Dichloropropene	45.1	5.00	50.00	0	90.1	0	200	44.73	0.735	20	
1,2,3-Trichlorobenzene	57.5	5.00	50.00	0	115.1	0	200	57.03	0.873	20	
1,2,3-Trichloropropane	51.4	10.0	50.00	0	102.8	0	200	53.70	4.38	20	
1,2,3-Trimethylbenzene	52.1	5.00	50.00	0	104.1	0	200	52.39	0.632	20	
1,2,4-Trichlorobenzene	59.5	5.00	50.00	0	118.9	0	200	59.17	0.489	20	
1,2,4-Trimethylbenzene	54.3	5.00	50.00	0	108.6	0	200	53.17	2.14	20	
1,2-Dibromo-3-chloropropane	48.0	5.00	50.00	0	96.0	0	200	51.84	7.73	20	
1,2-Dibromoethane	51.0	5.00	50.00	0	102.0	86.9	119	52.61	3.07	20	
1,2-Dichlorobenzene	53.7	5.00	50.00	0	107.4	88	119	54.05	0.668	20	
1,2-Dichloroethane	44.1	5.00	50.00	0	88.2	73	117	45.61	3.37	20	
1,2-Dichloropropane	45.9	5.00	50.00	0	91.8	0	200	46.01	0.239	20	
1,3,5-Trimethylbenzene	53.5	5.00	50.00	0	107.0	0	200	52.94	1.03	20	
1,3-Dichlorobenzene	56.1	5.00	50.00	0	112.3	85.8	125	55.17	1.74	20	
1,3-Dichloropropane	50.3	5.00	50.00	0	100.7	0	200	52.86	4.90	20	
1,4-Dichlorobenzene	55.2	5.00	50.00	0	110.5	84.5	124	55.09	0.254	20	
1-Chlorobutane	49.6	5.00	50.00	0	99.2	0	200	48.35	2.57	20	
2,2-Dichloropropane	43.8	5.00	50.00	0	87.6	0	200	44.33	1.25	20	
2-Butanone	99.6	50.0	125.0	0	79.7	45.3	136	110.0	9.91	20	
2-Chlorotoluene	54.0	5.00	50.00	0	108.1	0	200	52.85	2.23	20	
2-Hexanone	126	50.0	125.0	0	101.0	0	200	137.6	8.54	20	
2-Nitropropane	51.2	50.0	50.00	0	102.4	0	200	54.29	5.84	20	
4-Chlorotoluene	54.6	5.00	50.00	0	109.2	0	200	54.84	0.439	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>LCSD-F100720-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/20/2010</b>			RunNo: <b>138014</b>		
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>				Analysis Date: <b>7/20/2010</b>			SeqNo: <b>2679804</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	89.3	0	200	119.0	6.32	20	
Acetone	92.3	50.0	125.0	0	73.9	0	200	97.31	5.25	20	
Acetonitrile	41	100	50.00	0	82.7	0	200	43.48	0	20	J
Acrolein	291	100	250.0	0	116.3	0	200	292.0	0.467	20	
Acrylonitrile	41.0	10.0	50.00	0	81.9	0	200	45.33	10.1	20	
Allyl chloride	41.1	5.00	50.00	0	82.3	0	200	41.89	1.81	20	
Benzene	44.8	1.00	50.00	0	89.5	73.9	109	44.53	0.493	20	
Bromobenzene	53.9	5.00	50.00	0	107.8	0	200	54.24	0.610	20	
Bromochloromethane	45.6	5.00	50.00	0	91.2	0	200	46.20	1.29	20	
Bromodichloromethane	44.2	5.00	50.00	0	88.5	91.3	126	46.46	4.92	20	S
Bromoform	50.1	5.00	50.00	0	100.1	0	200	52.30	4.38	20	
Bromomethane	36.0	10.0	50.00	0	72.0	0	200	36.26	0.720	20	
Carbon disulfide	34.8	5.00	50.00	0	69.7	0	200	34.63	0.576	20	
Carbon tetrachloride	44.5	5.00	50.00	0	89.0	83.3	127	43.23	2.87	20	
Chlorobenzene	52.6	5.00	50.00	0	105.2	85.8	116	52.22	0.706	20	
Chloroethane	34.1	10.0	50.00	0	68.3	0	200	33.82	0.942	20	
Chloroform	45.4	5.00	50.00	0	90.7	80	113	45.42	0.110	20	
Chloromethane	16.7	10.0	50.00	0	33.3	0	200	15.81	5.24	20	
cis-1,2-Dichloroethene	45.3	5.00	50.00	0	90.5	0	200	45.66	0.880	20	
cis-1,3-Dichloropropene	45.7	4.00	50.00	0	91.5	0	200	47.35	3.46	20	
Cyclohexanone	251	100	250.0	0	100.2	0	200	258.3	3.05	20	
Dibromochloromethane	52.1	5.00	50.00	0	104.3	89.1	119	54.00	3.52	20	
Dibromomethane	44.5	5.00	50.00	0	89.0	0	200	46.32	4.05	20	
Dichlorodifluoromethane	7.5	10.0	50.00	0	15.0	0	200	6.800	0	20	J
Ethyl acetate	46	50.0	50.00	0	91.2	0	200	46.08	0	20	J
Ethyl ether	39.2	5.00	50.00	0	78.4	0	200	42.37	7.80	20	
Ethyl methacrylate	50.2	5.00	50.00	0	100.3	0	200	52.18	3.93	20	
Ethylbenzene	50.8	5.00	50.00	0	101.5	84.1	115	50.71	0.0986	20	
Heptane	43.2	20.0	50.00	0	86.5	0	200	45.51	5.09	20	
Hexachlorobutadiene	56.1	5.00	50.00	0	112.3	0	200	54.00	3.89	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>LCSD-F100720-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679804</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	49.9	5.00	50.00	0	99.8	0	200	49.79	0.201	20	
Iodomethane	33.4	10.0	50.00	0	66.9	0	200	31.46	6.13	20	
Isopropylbenzene	52.0	5.00	50.00	0	104.0	0	200	51.61	0.753	20	
m,p-Xylenes	106	5.00	100.0	0	105.8	79.1	111	104.0	1.70	20	
Methacrylonitrile	43	50.0	50.00	0	86.8	0	200	46.27	0	20	J
Methyl Methacrylate	43.7	5.00	50.00	0	87.4	0	200	46.75	6.74	20	
Methyl tert-butyl ether	42.9	2.00	50.00	0	85.9	80	128	43.88	2.17	20	
Methylacrylate	44.0	10.0	50.00	0	87.9	0	200	46.02	4.58	20	
Methylene chloride	40.0	5.00	50.00	0	80.0	73.9	116	39.78	0.552	20	
Naphthalene	50.9	10.0	50.00	0	101.7	73.1	135	53.75	5.53	20	
n-Butylbenzene	56.9	5.00	50.00	0	113.8	0	200	56.73	0.282	20	
n-Hexane	40.5	20.0	50.00	0	81.1	0	200	38.52	5.09	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	0	0	20	
n-Propylbenzene	54.8	5.00	50.00	0	109.6	0	200	55.47	1.20	20	
o-Xylene	51.6	5.00	50.00	0	103.3	82	117	50.93	1.37	20	
Pentachloroethane	52.2	5.00	50.00	0	104.3	0	200	52.72	1.05	20	
p-Isopropyltoluene	52.6	5.00	50.00	0	105.3	0	200	53.11	0.889	20	
Propionitrile	45	50.0	50.00	0	90.0	0	200	45.24	0	20	J
sec-Butylbenzene	52.4	5.00	50.00	0	104.7	0	200	52.80	0.837	20	
Styrene	53.8	5.00	50.00	0	107.6	0	200	53.78	0.0186	20	
tert-Butylbenzene	51.8	5.00	50.00	0	103.6	0	200	52.66	1.61	20	
Tetrachloroethene	54.2	5.00	50.00	0	108.4	74.6	115	54.00	0.370	20	
Tetrahydrofuran	39	50.0	50.00	0	77.9	0	200	41.48	0	20	J
Toluene	51.0	5.00	50.00	0	101.9	79.1	112	50.32	1.28	20	
trans-1,2-Dichloroethene	43.3	5.00	50.00	0	86.6	0	200	42.94	0.835	20	
trans-1,3-Dichloropropene	52.9	4.00	50.00	0	105.8	0	200	52.24	1.24	20	
trans-1,4-Dichloro-2-butene	51.4	10.0	50.00	0	102.7	0	200	54.83	6.54	20	
Trichloroethene	46.5	5.00	50.00	0	93.0	81	111	46.34	0.323	20	
Trichlorofluoromethane	34.6	5.00	50.00	0	69.3	0	200	33.76	2.57	20	
Vinyl acetate	47	50.0	50.00	0	94.1	0	200	48.53	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: 10070644

Report Date: 20-Jul-10

Sample ID: <b>LCS-D-F100720-1</b>		SampType: <b>LCS-D</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/20/2010</b>		RunNo: <b>138014</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61874</b>		<b>SW5035</b>		Analysis Date: <b>7/20/2010</b>		SeqNo: <b>2679804</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	22.8	2.00	50.00	0	45.7	0	200	22.56	1.28	20	
Surr: 1,2-Dichloroethane-d4	48.4		50.00		96.8	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	49.6		50.00		99.1	82.1	116		0	20	
Surr: Dibromofluoromethane	47.9		50.00		95.7	77.7	120		0	20	
Surr: Toluene-d8	52.6		50.00		105.2	86	116		0	20	

Sample ID: <b>LCS-F100720-1</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/20/2010</b>		RunNo: <b>138014</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61874</b>		<b>SW5035</b>		Analysis Date: <b>7/20/2010</b>		SeqNo: <b>2679806</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	51.4	5.00	50.00	0	102.8	0	200				
1,1,1-Trichloroethane	43.9	5.00	50.00	0	87.9	85.8	124				
1,1,2,2-Tetrachloroethane	54.0	5.00	50.00	0	107.9	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	39.8	5.00	50.00	0	79.6	0	200				
1,1,2-Trichloroethane	52.9	5.00	50.00	0	105.8	0	200				
1,1-Dichloro-2-propanone	103	50.0	125.0	0	82.7	0	200				
1,1-Dichloroethane	44.0	5.00	50.00	0	88.0	0	200				
1,1-Dichloroethene	39.4	5.00	50.00	0	78.9	60.1	131				
1,1-Dichloropropene	44.7	5.00	50.00	0	89.5	0	200				
1,2,3-Trichlorobenzene	57.0	5.00	50.00	0	114.1	0	200				
1,2,3-Trichloropropane	53.7	10.0	50.00	0	107.4	0	200				
1,2,3-Trimethylbenzene	52.4	5.00	50.00	0	104.8	0	200				
1,2,4-Trichlorobenzene	59.2	5.00	50.00	0	118.3	0	200				
1,2,4-Trimethylbenzene	53.2	5.00	50.00	0	106.3	0	200				
1,2-Dibromo-3-chloropropane	51.8	5.00	50.00	0	103.7	0	200				
1,2-Dibromoethane	52.6	5.00	50.00	0	105.2	86.9	119				
1,2-Dichlorobenzene	54.0	5.00	50.00	0	108.1	88	119				
1,2-Dichloroethane	45.6	5.00	50.00	0	91.2	73	117				
1,2-Dichloropropane	46.0	5.00	50.00	0	92.0	0	200				
1,3,5-Trimethylbenzene	52.9	5.00	50.00	0	105.9	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: LCS-F100720-1	SampType: LCS	Units: µg/Kg	Prep Date: 7/20/2010	RunNo: 138014							
Client ID: ZZZZZZ	Batch ID: 61874	SW5035	Analysis Date: 7/20/2010	SeqNo: 2679806							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	55.2	5.00	50.00	0	110.3	85.8	125				
1,3-Dichloropropane	52.9	5.00	50.00	0	105.7	0	200				
1,4-Dichlorobenzene	55.1	5.00	50.00	0	110.2	84.5	124				
1-Chlorobutane	48.4	5.00	50.00	0	96.7	0	200				
2,2-Dichloropropane	44.3	5.00	50.00	0	88.7	0	200				
2-Butanone	110	50.0	125.0	0	88.0	45.3	136				
2-Chlorotoluene	52.8	5.00	50.00	0	105.7	0	200				
2-Hexanone	138	50.0	125.0	0	110.0	0	200				
2-Nitropropane	54.3	50.0	50.00	0	108.6	0	200				
4-Chlorotoluene	54.8	5.00	50.00	0	109.7	0	200				
4-Methyl-2-pentanone	119	50.0	125.0	0	95.2	0	200				
Acetone	97.3	50.0	125.0	0	77.8	0	200				
Acetonitrile	44	100	50.00	0	87.0	0	200				J
Acrolein	292	100	250.0	0	116.8	0	200				
Acrylonitrile	45.3	10.0	50.00	0	90.7	0	200				
Allyl chloride	41.9	5.00	50.00	0	83.8	0	200				
Benzene	44.5	1.00	50.00	0	89.1	73.9	109				
Bromobenzene	54.2	5.00	50.00	0	108.5	0	200				
Bromochloromethane	46.2	5.00	50.00	0	92.4	0	200				
Bromodichloromethane	46.5	5.00	50.00	0	92.9	91.3	126				
Bromoform	52.3	5.00	50.00	0	104.6	0	200				
Bromomethane	36.3	10.0	50.00	0	72.5	0	200				
Carbon disulfide	34.6	5.00	50.00	0	69.3	0	200				
Carbon tetrachloride	43.2	5.00	50.00	0	86.5	83.3	127				
Chlorobenzene	52.2	5.00	50.00	0	104.4	85.8	116				
Chloroethane	33.8	10.0	50.00	0	67.6	0	200				
Chloroform	45.4	5.00	50.00	0	90.8	80	113				
Chloromethane	15.8	10.0	50.00	0	31.6	0	200				
cis-1,2-Dichloroethene	45.7	5.00	50.00	0	91.3	0	200				
cis-1,3-Dichloropropene	47.4	4.00	50.00	0	94.7	0	200				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>LCS-F100720-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>				Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679806</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyclohexanone	258	100	250.0	0	103.3	0	200				
Dibromochloromethane	54.0	5.00	50.00	0	108.0	89.1	119				
Dibromomethane	46.3	5.00	50.00	0	92.6	0	200				
Dichlorodifluoromethane	6.8	10.0	50.00	0	13.6	0	200				J
Ethyl acetate	46	50.0	50.00	0	92.2	0	200				J
Ethyl ether	42.4	5.00	50.00	0	84.7	0	200				
Ethyl methacrylate	52.2	5.00	50.00	0	104.4	0	200				
Ethylbenzene	50.7	5.00	50.00	0	101.4	84.1	115				
Heptane	45.5	20.0	50.00	0	91.0	0	200				
Hexachlorobutadiene	54.0	5.00	50.00	0	108.0	0	200				
Hexachloroethane	49.8	5.00	50.00	0	99.6	0	200				
Iodomethane	31.5	10.0	50.00	0	62.9	0	200				
Isopropylbenzene	51.6	5.00	50.00	0	103.2	0	200				
m,p-Xylenes	104	5.00	100.0	0	104.0	79.1	111				
Methacrylonitrile	46	50.0	50.00	0	92.5	0	200				J
Methyl Methacrylate	46.8	5.00	50.00	0	93.5	0	200				
Methyl tert-butyl ether	43.9	2.00	50.00	0	87.8	80	128				
Methylacrylate	46.0	10.0	50.00	0	92.0	0	200				
Methylene chloride	39.8	5.00	50.00	0	79.6	73.9	116				
Naphthalene	53.8	10.0	50.00	0	107.5	73.1	135				
n-Butylbenzene	56.7	5.00	50.00	0	113.5	0	200				
n-Hexane	38.5	20.0	50.00	0	77.0	0	200				
Nitrobenzene	ND	100	50.00	0	0	0	200				
n-Propylbenzene	55.5	5.00	50.00	0	110.9	0	200				
o-Xylene	50.9	5.00	50.00	0	101.9	82	117				
Pentachloroethane	52.7	5.00	50.00	0	105.4	0	200				
p-Isopropyltoluene	53.1	5.00	50.00	0	106.2	0	200				
Propionitrile	45	50.0	50.00	0	90.5	0	200				J
sec-Butylbenzene	52.8	5.00	50.00	0	105.6	0	200				
Styrene	53.8	5.00	50.00	0	107.6	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>LCS-F100720-1</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/20/2010</b>		RunNo: <b>138014</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61874</b>		<b>SW5035</b>		Analysis Date: <b>7/20/2010</b>		SeqNo: <b>2679806</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
tert-Butylbenzene	52.7	5.00	50.00	0	105.3	0	200				
Tetrachloroethene	54.0	5.00	50.00	0	108.0	74.6	115				
Tetrahydrofuran	42	50.0	50.00	0	83.0	0	200				J
Toluene	50.3	5.00	50.00	0	100.6	79.1	112				
trans-1,2-Dichloroethene	42.9	5.00	50.00	0	85.9	0	200				
trans-1,3-Dichloropropene	52.2	4.00	50.00	0	104.5	0	200				
trans-1,4-Dichloro-2-butene	54.8	10.0	50.00	0	109.7	0	200				
Trichloroethene	46.3	5.00	50.00	0	92.7	81	111				
Trichlorofluoromethane	33.8	5.00	50.00	0	67.5	0	200				
Vinyl acetate	48	50.0	50.00	0	97.1	0	200				J
Vinyl chloride	22.6	2.00	50.00	0	45.1	0	200				
Surr: 1,2-Dichloroethane-d4	48.6		50.00		97.3	72.2	131				
Surr: 4-Bromofluorobenzene	49.2		50.00		98.3	82.1	116				
Surr: Dibromofluoromethane	47.7		50.00		95.4	77.7	120				
Surr: Toluene-d8	53.7		50.00		107.4	86	116				

Sample ID: <b>LCSG-F100720-1</b>		SampType: <b>LCSG</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/20/2010</b>		RunNo: <b>138014</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61874</b>		<b>SW5035</b>		Analysis Date: <b>7/20/2010</b>		SeqNo: <b>2679807</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	1970	1000	2000	0	98.4	70	130				
Surr: 1,2-Dichloroethane-d4	49.0		50.00		98.0	61	128				
Surr: 4-Bromofluorobenzene	48.9		50.00		97.9	78.2	117				
Surr: Dibromofluoromethane	48.8		50.00		97.5	66.6	130				
Surr: Toluene-d8	53.0		50.00		106.1	80.1	122				

Sample ID: <b>LCSGD-F100720-1</b>		SampType: <b>LCSGD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/20/2010</b>		RunNo: <b>138014</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61874</b>		<b>SW5035</b>		Analysis Date: <b>7/20/2010</b>		SeqNo: <b>2679808</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

Test Number: SW8260B

Lab Order: 10070644

Report Date: 20-Jul-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MBLK-F100720-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/20/2010</b>	RunNo: <b>138014</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61874</b>	<b>SW5035</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679817</b>							
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	51.2		50.00		102.5	72.2	131				
Surr: 4-Bromofluorobenzene	49.2		50.00		98.5	82.1	116				
Surr: Dibromofluoromethane	48.0		50.00		96.0	77.7	120				
Surr: Toluene-d8	52.8		50.00		105.5	86	116				







Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>MB-61792</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137902</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677055</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.77		1.670		106.2	52.1	113				
Surr: 2-Fluorobiphenyl	0.840		0.8350		100.6	46.3	106				
Surr: 2-Fluorophenol	1.42		1.670		85.2	50.6	89				
Surr: Nitrobenzene-d5	0.784		0.8350		93.9	42.4	99.2				
Surr: Phenol-d5	1.48		1.670		88.6	55.9	98.5				
Surr: p-Terphenyl-d14	0.938		0.8350		112.3	45.5	115				

Sample ID: <b>LCS-61792</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137902</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677056</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.50	0.500	1.670	0	89.7	43.9	92.2				
1,4-Dichlorobenzene	1.32	0.500	1.670	0	79.1	43.8	84.1				
2,4,5-Trichlorophenol	3.55	0.350	3.330	0	106.7	38.6	123				
2,4,6-Trichlorophenol	3.48	0.350	3.330	0	104.6	35.9	123				
2,4-Dimethylphenol	3.29	0.500	3.330	0	98.9	38.3	88				S
2,4-Dinitrophenol	3.47	1.00	3.330	0	104.1	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: 10070644

Report Date: 20-Jul-10

Sample ID: <b>LCS-61792</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137902</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677056</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.56	0.350	1.670	0	93.5	48.6	102				
2-Chlorophenol	2.92	0.500	3.330	0	87.6	46.6	84				S
4-Chloro-3-methylphenol	3.51	0.500	3.330	0	105.3	51.5	94.9				S
4-Nitrophenol	3.95	0.350	3.330	0	118.5	53.2	104				S
Acenaphthene	1.51	0.350	1.670	0	90.2	50.8	113				
Acenaphthylene	1.61	0.350	1.670	0	96.3	52.8	121				
Anthracene	1.49	0.350	1.670	0	89.1	53.3	115				
Benzo(a)anthracene	1.41	0.350	1.670	0	84.5	62.3	110				
Benzo(a)pyrene	1.50	0.350	1.670	0	89.7	58.2	109				
Benzo(b)fluoranthene	1.52	0.350	1.670	0	90.8	51.8	107				
Benzo(g,h,i)perylene	1.48	0.350	1.670	0	88.9	49.6	121				
Benzo(k)fluoranthene	1.66	0.350	1.670	0	99.4	63.1	129				
Bis(2-ethylhexyl)phthalate	1.64	0.350	1.670	0	98.3	56.3	109				
Chrysene	1.50	0.350	1.670	0	89.8	58.4	115				
Dibenzo(a,h)anthracene	1.51	0.350	1.670	0	90.3	54.9	120				
Diethyl phthalate	2.90	0.500	3.330	0	87.1	51.7	106				
Dimethyl phthalate	2.76	0.350	3.330	0	82.9	58.8	104				
Di-n-butyl phthalate	1.61	0.350	1.670	0	96.5	54.3	105				
Fluoranthene	1.60	0.350	1.670	0	95.5	61.6	113				
Fluorene	1.50	0.350	1.670	0	89.8	52.2	116				
Hexachlorobenzene	3.03	0.350	3.330	0	91.0	55.9	106				
Hexachlorobutadiene	2.79	0.500	3.330	0	83.9	35.7	100				
Hexachloroethane	2.53	0.500	3.330	0	76.1	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.50	0.350	1.670	0	89.6	52.7	115				
m,p-Cresol	1.60	0.500	1.670	0	95.7	37.6	93.7				S
Naphthalene	1.48	0.350	1.670	0	88.4	45.7	101				
Nitrobenzene	2.71	0.500	3.330	0	81.5	51.8	104				
N-Nitroso-di-n-propylamine	1.33	0.500	1.670	0	79.5	49.1	94.5				
o-Cresol	1.60	0.500	1.670	0	95.9	43	101				
Pentachlorophenol	4.49	2.00	3.330	0	134.8	42.2	102				S

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>LCS-61792</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/15/2010</b>		RunNo: <b>137902</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61792</b>		<b>SW3550B</b>		Analysis Date: <b>7/16/2010</b>		SeqNo: <b>2677056</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.57	0.350	1.670	0	93.8	52.9	113				
Phenol	2.92	0.350	3.330	0	87.6	41.6	81.3				S
Pyrene	1.55	0.500	1.670	0	92.8	60.7	115				
Pyridine	1.94	0.500	3.330	0	58.4	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.75		1.670		104.7	52.1	113				
Surr: 2-Fluorobiphenyl	0.750		0.8350		89.8	46.3	106				
Surr: 2-Fluorophenol	1.37		1.670		82.1	50.6	89				
Surr: Nitrobenzene-d5	0.703		0.8350		84.1	42.4	99.2				
Surr: Phenol-d5	1.41		1.670		84.5	55.9	98.5				
Surr: p-Terphenyl-d14	0.851		0.8350		101.9	45.5	115				

Sample ID: <b>10070644-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137962</b>			
Client ID: <b>P5-B2-F(24)MS</b>		Batch ID: <b>61792</b>		<b>SW3550B</b>		Analysis Date: <b>7/19/2010</b>		SeqNo: <b>2678636</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.52	0.547	1.826	0	83.2	35.9	102				
1,4-Dichlorobenzene	1.32	0.547	1.826	0	72.2	29.8	95.5				
2,4,5-Trichlorophenol	3.03	0.383	3.640	0	83.2	38.6	123				
2,4,6-Trichlorophenol	3.15	0.383	3.640	0	86.5	35.9	123				
2,4-Dimethylphenol	3.19	0.547	3.640	0	87.5	38.3	88				
2,4-Dinitrophenol	1.90	1.09	3.640	0	52.3	1.88	162				
2,4-Dinitrotoluene	1.72	0.383	1.826	0	94.3	37.5	107				
2-Chlorophenol	2.64	0.547	3.640	0	72.4	22.6	108				
4-Chloro-3-methylphenol	3.22	0.547	3.640	0	88.6	19.3	131				
4-Nitrophenol	3.56	0.383	3.640	0	97.7	27.6	123				
Diethyl phthalate	3.16	0.547	3.640	0	86.9	51.7	106				
Dimethyl phthalate	2.91	0.383	3.640	0	79.9	58.8	104				
Di-n-butyl phthalate	1.66	0.383	1.826	0	90.8	54.3	105				
Hexachlorobenzene	3.15	0.383	3.640	0	86.5	55.9	106				
Hexachlorobutadiene	2.86	0.547	3.640	0	78.5	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: 10070644

Report Date: 20-Jul-10

Sample ID: <b>10070644-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137962</b>			
Client ID: <b>P5-B2-F(24)MS</b>		Batch ID: <b>61792</b>		<b>SW3550B</b>		Analysis Date: <b>7/19/2010</b>		SeqNo: <b>2678636</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	2.44	0.547	3.640	0	66.9	38.9	89.9				
m,p-Cresol	1.53	0.547	1.826	0	84.1	37.6	93.7				
Nitrobenzene	2.82	0.547	3.640	0	77.5	51.8	104				
N-Nitroso-di-n-propylamine	1.52	0.547	1.826	0	83.1	45.5	99.1				
o-Cresol	1.51	0.547	1.826	0	82.6	43	101				
Pentachlorophenol	2.79	2.19	3.640	0	76.5	18.5	113				
Phenol	2.77	0.383	3.640	0	76.2	20.8	110				
Pyridine	2.00	0.547	3.640	0	54.9	3.61	74.3				
Surr: 2-Fluorobiphenyl	0.603		0.9128		66.0	34.1	116				
Surr: Nitrobenzene-d5	0.565		0.9128		61.9	34.1	101				
Surr: p-Terphenyl-d14	0.803		0.9128		88.0	41.7	124				

Sample ID: <b>10070644-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137962</b>			
Client ID: <b>P5-B2-F(24)MSD</b>		Batch ID: <b>61792</b>		<b>SW3550B</b>		Analysis Date: <b>7/19/2010</b>		SeqNo: <b>2678637</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.59	0.543	1.814	0	87.6	35.9	102	1.519	4.46	40	
1,4-Dichlorobenzene	1.40	0.543	1.814	0	77.0	29.8	95.5	1.318	5.85	40	
2,4,5-Trichlorophenol	3.09	0.380	3.618	0	85.5	38.6	123	3.029	2.13	40	
2,4,6-Trichlorophenol	3.26	0.380	3.618	0	90.2	35.9	123	3.148	3.55	40	
2,4-Dimethylphenol	3.25	0.543	3.618	0	89.9	38.3	88	3.187	2.00	40	S
2,4-Dinitrophenol	1.97	1.09	3.618	0	54.3	1.88	162	1.905	3.15	40	
2,4-Dinitrotoluene	1.77	0.380	1.814	0	97.4	37.5	107	1.722	2.59	40	
2-Chlorophenol	2.65	0.543	3.618	0	73.4	22.6	108	2.637	0.627	40	
4-Chloro-3-methylphenol	3.34	0.543	3.618	0	92.4	19.3	131	3.224	3.60	40	
4-Nitrophenol	3.63	0.380	3.618	0	100.4	27.6	123	3.557	2.12	40	
Diethyl phthalate	3.26	0.543	3.618	0	90.0	51.7	106	3.164	2.86	40	
Dimethyl phthalate	3.02	0.380	3.618	0	83.3	58.8	104	2.909	3.57	40	
Di-n-butyl phthalate	1.70	0.380	1.814	0	94.0	54.3	105	1.658	2.78	40	
Hexachlorobenzene	3.29	0.380	3.618	0	91.0	55.9	106	3.147	4.46	40	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10070644

Report Date: 20-Jul-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.542		0.8330		65.1	17.5	123				
Surr: 2-Fluorophenol	1.03		1.670		61.8	23	117				
Surr: Nitrobenzene-d5	0.581		0.8330		69.7	35	105				
Surr: Phenol-d5	1.09		1.670		65.1	33.2	125				
Surr: p-Terphenyl-d14	0.643		0.8330		77.1	53.6	122				

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.107	0.003	0.1670	0	64.2	56.3	115				
Acenaphthylene	0.104	0.003	0.1670	0	62.5	60.3	143				
Anthracene	0.101	0.003	0.1670	0	60.6	52.1	109				
Benzo(a)anthracene	0.095	0.003	0.1670	0	57.1	52.8	112				
Benzo(a)pyrene	0.098	0.003	0.1670	0	58.7	40.8	127				
Benzo(b)fluoranthene	0.110	0.003	0.1670	0	65.6	50.1	150				
Benzo(g,h,i)perylene	0.108	0.003	0.1670	0	64.7	52.8	145				
Benzo(k)fluoranthene	0.106	0.003	0.1670	0	63.4	52	153				
Bis(2-ethylhexyl)phthalate	0.115	0.067	0.1670	0	68.8	50	150				
Chrysene	0.106	0.003	0.1670	0	63.7	60.8	128				
Dibenzo(a,h)anthracene	0.111	0.003	0.1670	0	66.6	54.9	150				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>LCS-61795</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137940</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>61795</b>		<b>SW3550B</b>		Analysis Date: <b>7/17/2010</b>		SeqNo: <b>2677931</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diethyl phthalate	0.111	0.034	0.1670	0	66.7	50	150				
Dimethyl phthalate	0.113	0.034	0.1670	0	67.9	50	150				
Di-n-butyl phthalate	0.109	0.034	0.1670	0	65.3	50	150				
Fluoranthene	0.107	0.003	0.1670	0	64.3	58.7	125				
Fluorene	0.107	0.003	0.1670	0	64.1	57.8	125				
Indeno(1,2,3-cd)pyrene	0.111	0.003	0.1670	0	66.3	52	147				
m,p-Cresol	0.107	0.010	0.1670	0	63.9	50	150				
Naphthalene	0.102	0.003	0.1670	0	60.9	54.8	113				
o-Cresol	0.104	0.003	0.1670	0	62.4	50	150				
Phenanthrene	0.109	0.003	0.1670	0	65.0	60.4	121				
Pyrene	0.107	0.003	0.1670	0	63.8	57.9	129				
Surr: 2-Fluorobiphenyl	0.564		0.8330		67.7	35.3	113				
Surr: 2-Fluorophenol	1.15		1.670		69.0	13.6	123				
Surr: Nitrobenzene-d5	0.612		0.8330		73.5	33.9	108				
Surr: Phenol-d5	1.15		1.670		68.6	33.7	129				
Surr: p-Terphenyl-d14	0.652		0.8330		78.3	58.4	122				

Sample ID: <b>10070644-002AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137966</b>			
Client ID: <b>P5-B2-F(26)MS</b>		Batch ID: <b>61795</b>		<b>SW3550B</b>		Analysis Date: <b>7/19/2010</b>		SeqNo: <b>2678611</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.366	0.096	0.1879	0.2197	77.7	36	135				
Acenaphthylene	0.838	0.096	0.1879	0.4870	187.0	17.2	167				S
Anthracene	0.717	0.096	0.1879	0.4328	151.4	39.3	124				S
Benzo(a)anthracene	0.483	0.096	0.1879	0.3177	87.9	10	183				
Benzo(a)pyrene	0.484	0.096	0.1879	0.2606	118.8	10	204				
Benzo(b)fluoranthene	0.388	0.096	0.1879	0.2074	96.2	10.6	178				
Benzo(g,h,i)perylene	0.328	0.096	0.1879	0.1474	96.2	10	168				
Benzo(k)fluoranthene	0.216	0.096	0.1879	0	114.8	27.6	181				
Bis(2-ethylhexyl)phthalate	ND	1.88	0.1879	0	0	50	150				S

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>10070644-002AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137966</b>			
Client ID: <b>P5-B2-F(26)MS</b>		Batch ID: <b>61795</b>		<b>SW3550B</b>		Analysis Date: <b>7/19/2010</b>		SeqNo: <b>2678611</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	0.460	0.096	0.1879	0.2340	120.5	10	176				
Dibenzo(a,h)anthracene	0.172	0.096	0.1879	0	91.3	12.2	156				
Fluoranthene	0.838	0.096	0.1879	0.5355	161.2	10	227				
Fluorene	0.846	0.096	0.1879	0.5212	172.7	35.2	148				S
Indeno(1,2,3-cd)pyrene	0.267	0.096	0.1879	0.1046	86.5	10	164				
Naphthalene	4.49	0.096	0.1879	2.940	823.3	14.7	128				S
Phenanthrene	2.20	0.096	0.1879	1.506	370.4	32.8	143				S
Pyrene	1.20	0.096	0.1879	0.8294	194.9	10	180				S
Surr: 2-Fluorobiphenyl	0.083		0.1879		44.4	10	131				
Surr: Nitrobenzene-d5	0.096		0.1879		50.9	10	132				
Surr: p-Terphenyl-d14	0.128		0.1879		67.9	30.6	131				

Sample ID: <b>10070644-002AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137966</b>			
Client ID: <b>P5-B2-F(26)MSD</b>		Batch ID: <b>61795</b>		<b>SW3550B</b>		Analysis Date: <b>7/19/2010</b>		SeqNo: <b>2678612</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.721	0.097	0.1911	0.2197	262.2	36	135	0.3657	65.4	49.7	SR
Acenaphthylene	1.72	0.097	0.1911	0.4870	645.8	17.2	167	0.8384	69.0	33.3	SR
Anthracene	1.28	0.097	0.1911	0.4328	443.1	39.3	124	0.7174	56.3	51.1	SR
Benzo(a)anthracene	0.844	0.097	0.1911	0.3177	275.3	10	183	0.4829	54.4	40.6	SR
Benzo(a)pyrene	0.838	0.097	0.1911	0.2606	302.2	10	204	0.4839	53.6	56.4	S
Benzo(b)fluoranthene	0.654	0.097	0.1911	0.2074	233.8	10.6	178	0.3882	51.0	49.7	SR
Benzo(g,h,i)perylene	0.505	0.097	0.1911	0.1474	187.3	10	168	0.3282	42.5	36.5	SR
Benzo(k)fluoranthene	0.314	0.097	0.1911	0	164.2	27.6	181	0.2157	37.0	42.6	
Bis(2-ethylhexyl)phthalate	ND	1.92	0.1911	0	0	50	150	0	0	60.3	S
Chrysene	0.839	0.097	0.1911	0.2340	316.7	10	176	0.4604	58.3	45.1	SR
Dibenzo(a,h)anthracene	0.211	0.097	0.1911	0	110.3	12.2	156	0.1716	20.4	39.9	
Fluoranthene	1.58	0.097	0.1911	0.5355	548.6	10	227	0.8384	61.5	66.2	S
Fluorene	1.69	0.097	0.1911	0.5212	609.9	35.2	148	0.8459	66.4	65.6	SR
Indeno(1,2,3-cd)pyrene	0.399	0.097	0.1911	0.1046	154.3	10	164	0.2673	39.7	36.5	R



Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>10070644-002AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/16/2010</b>		RunNo: <b>137966</b>			
Client ID: <b>P5-B2-F(26)MSD</b>		Batch ID: <b>61795</b>		<b>SW3550B</b>		Analysis Date: <b>7/19/2010</b>		SeqNo: <b>2678612</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	10.6	0.097	0.1911	2.940	4016	14.7	128	4.487	81.1	39.6	SR
Phenanthrene	4.26	0.097	0.1911	1.506	1441	32.8	143	2.202	63.7	35.4	SR
Pyrene	2.30	0.097	0.1911	0.8294	770.0	10	180	1.196	63.2	60.1	SR
Surr: 2-Fluorobiphenyl	0.087		0.1911		45.4	10	131		0	40	
Surr: Nitrobenzene-d5	0.097		0.1911		50.9	10	132		0	40	
Surr: p-Terphenyl-d14	0.125		0.1911		65.4	30.6	131		0	40	

Sample ID: <b>LCS-61792</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/15/2010</b>		RunNo: <b>137943</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>61792</b>		<b>SW3550B</b>		Analysis Date: <b>7/16/2010</b>		SeqNo: <b>2677958</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.27	0.0340	1.670	0	76.1	50.8	113				
Acenaphthylene	1.31	0.0340	1.670	0	78.5	52.8	121				
Anthracene	1.29	0.0340	1.670	0	77.4	53.3	115				
Benzo(a)anthracene	1.23	0.0340	1.670	0	73.4	62.3	110				
Benzo(a)pyrene	1.42	0.0340	1.670	0	84.9	58.2	109				
Benzo(b)fluoranthene	1.42	0.0340	1.670	0	85.3	51.8	107				
Benzo(g,h,i)perylene	1.33	0.0340	1.670	0	79.6	49.6	121				
Benzo(k)fluoranthene	1.53	0.0340	1.670	0	91.8	63.1	129				
Chrysene	1.30	0.0340	1.670	0	77.8	58.4	115				
Dibenzo(a,h)anthracene	1.46	0.0340	1.670	0	87.1	54.9	120				
Fluoranthene	1.52	0.0340	1.670	0	91.1	61.6	113				
Fluorene	1.39	0.0340	1.670	0	83.1	52.2	116				
Indeno(1,2,3-cd)pyrene	1.43	0.0340	1.670	0	85.5	52.7	115				
Naphthalene	1.34	0.0340	1.670	0	80.0	45.7	101				
Phenanthrene	1.34	0.0340	1.670	0	80.4	52.9	113				
Pyrene	1.45	0.0340	1.670	0	86.9	60.7	115				
Surr: 2-Fluorobiphenyl	0.864		0.8350		103.5	46.3	106				
Surr: Nitrobenzene-d5	0.597		0.8350		71.5	42.4	99.2				
Surr: p-Terphenyl-d14	0.887		0.8350		106.2	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>LCS</b> DRO-61792	SampType: <b>LCS</b>	Units: <b>%REC</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137943</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677959</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.813		0.8350		97.3	46.3	106				
Surr: Nitrobenzene-d5	0.599		0.8350		71.8	42.4	99.2				
Surr: p-Terphenyl-d14	0.903		0.8350		108.1	45.5	115				

Sample ID: <b>MB</b> -61792	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/15/2010</b>	RunNo: <b>137943</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61792</b>	<b>SW3550B</b>	Analysis Date: <b>7/16/2010</b>	SeqNo: <b>2677964</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	0.728		0.8350		87.2	46.3	106				
Surr: Nitrobenzene-d5	0.554		0.8350		66.3	42.4	99.2				
Surr: p-Terphenyl-d14	0.787		0.8350		94.2	45.5	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW9014

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>10070644-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>P5-B2-F(24)MS</b>	Batch ID: <b>61856</b>	<b>SW9010</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679425</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 4.89 0.52 5.148 0 95.0 80 120

Sample ID: <b>10070644-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>P5-B2-F(24)MSD</b>	Batch ID: <b>61856</b>	<b>SW9010</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679426</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 5.46 0.52 5.177 0 105.5 80 120 4.890 11.0 20

Sample ID: <b>MB-61856</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61856</b>	<b>SW9010</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680180</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.50 0.50

Sample ID: <b>LCS-61856</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61856</b>	<b>SW9010</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2680181</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 9.00 0.50 10.00 0 90.0 85 115

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW9014 (A)**

Lab Order: 10070644

Report Date: 20-Jul-10

Sample ID: <b>MB-61855</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61855</b>	<b>SOP2092</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679431</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide, Amenable to Chlorination < 0.50 0.50

Sample ID: <b>LCS-61855</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/19/2010</b>	RunNo: <b>138003</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>61855</b>	<b>SOP2092</b>	Analysis Date: <b>7/20/2010</b>	SeqNo: <b>2679432</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide, Amenable to Chlorination 8.95 0.50 10.00 0 89.5 85 115

ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10070644

**Report Date:** 20-Jul-10

Carrier: Sean Spinner

Received By: EAH

Completed by: *Marvin L. Darling II*

Reviewed by: *Elizabeth A. Hurley*

On:  
16-Jul-10  
Marvin L. Darling

On:  
16-Jul-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 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

10070644

Project Name: Ameson Campaign Project Mgr.: P. Sazama

Project Number: 624-0208-0120 Cost Code: 7002

Sampler(s): J. Campbell

Laboratory Name: Teklab

Location: Collinsville

Sample Number and (depth)

PS-B2-F(24)

PS-B2-F(26)

Date

7-16-10

0830

Time

0815

0830

Matrix

Soil

Water

Air

Wipes

Other \*

Total Number of Containers

6

6

Analyses by Method Name and Number

VOCs 8260	X
VOCs 8270	X
VOCs 8270 SIMS	X
RCLM Meths	X
Total Huesable	X
TPH 01-1	X
TPH 01-2	X

Teklab, Inc.  
Courier Pick Up

1 DAY

Lab ID #s

10070644-001

-002

Laboratory Temperature upon Receipt  
22.2°C  
ICED

### Samples Iced:

Yes  No

### Preservatives (ONLY for Water Samples)

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

### Lab Directives:

- Requested TAT:  Rush  5 Days  STP  Other \_\_\_\_\_
- Fax and/or Mail Results to: P. Sazama and K. Hoover
- Send Invoice to: \_\_\_\_\_
- QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other \_\_\_\_\_
- Special Guidelines: \_\_\_\_\_
- Reporting Limits: \_\_\_\_\_
- \* Special: \_\_\_\_\_

### Shipping:

Carrier / Airbill No.

Signature

Date

Time

### Received by:

Signature

Date

Time

July 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:** A831-735002-012901-225/Ameren Champaign  
6240908012

**WorkOrder:** 10071064

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 7/27/2010 5:20:00 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:** 10071064

**Report Date:** 28-Jul-10

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10071064-001	P5-D2-F(25)	5	7/27/2010 8:25:00 AM
10071064-002	P5-D4-F(25)	5	7/27/2010 8:40:00 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:** 10071064

**Report Date:** 28-Jul-10

**Cooler Receipt Temp:** 2.8 °C

### State accreditations:

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

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

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

**Surr** - Surrogate Standard added by lab

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

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

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

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

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

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

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

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

**C** - Client requested RL below PQL

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

**WorkOrder:** 10071064

**Lab ID:** 10071064-001

**Report Date:** 28-Jul-10

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

**Client Sample ID:** P5-D2-F(25)

**Collection Date:** 7/27/2010 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		10.2	%	1	7/27/2010 5:30:00 PM	MK
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.8	%	1	7/27/2010 5:30:00 PM	MK
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		4.74	mg/Kg-dry	1	7/28/2010 2:55:33 PM	LAL
Barium	NELAP	0.48		17.1	mg/Kg-dry	1	7/28/2010 2:55:33 PM	LAL
Cadmium	NELAP	0.19		0.85	mg/Kg-dry	1	7/28/2010 2:48:06 PM	JMW
Chromium	NELAP	0.96		10.8	mg/Kg-dry	1	7/28/2010 2:55:33 PM	LAL
Lead	NELAP	3.85		9.29	mg/Kg-dry	1	7/28/2010 2:55:33 PM	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/28/2010 2:55:33 PM	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.600	< 0.600	mg/Kg-dry	1	7/28/2010 1:43:56 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	5.66		12.3	mg/Kg-dry	1	7/28/2010 9:34:00 AM	DMH
Kerosene	NELAP	5.66		ND	mg/Kg-dry	1	7/28/2010 9:34:00 AM	DMH
Mineral Spirits	NELAP	5.66		ND	mg/Kg-dry	1	7/28/2010 9:34:00 AM	DMH
Motor Oil	NELAP	5.66	#	8.89	mg/Kg-dry	1	7/28/2010 9:34:00 AM	DMH
Surr: n-Tetracontane		50.6-140		87.2	%REC	1	7/28/2010 9:34:00 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	7/28/2010 11:14:00 AM	MAV
Acenaphthylene	NELAP	0.004		0.023	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Anthracene	NELAP	0.004		0.018	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Benzo(a)anthracene	NELAP	0.004		0.016	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Benzo(a)pyrene	NELAP	0.004		0.015	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.004		0.014	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.004		0.010	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.004		0.004	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.073		ND	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Chrysene	NELAP	0.004		0.016	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Fluoranthene	NELAP	0.004		0.039	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Fluorene	NELAP	0.004		0.017	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Naphthalene	NELAP	0.004		0.130	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Phenanthrene	NELAP	0.004		0.069	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Pyrene	NELAP	0.004		0.043	mg/Kg-dry	1	7/28/2010 11:14:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		70.9	%REC	1	7/28/2010 11:14:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		65.8	%REC	1	7/28/2010 11:14:00 AM	MAV

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10071064  
**Lab ID:** 10071064-001  
**Report Date:** 28-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-D2-F(25)  
**Collection Date:** 7/27/2010 8:25:00 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		75.4	%REC	1	7/28/2010 11:14:00 AM	MAW
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.09		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
2-Chloronaphthalene	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
2-Chlorophenol	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
2-Methoxy-4-methylphenol		0.708		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
2-Methylnaphthalene	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
2-Nitroaniline	NELAP	1.09		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
2-Nitrophenol	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
3-Nitroaniline	NELAP	1.09		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.09		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
4-Chloroaniline	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
4-Nitroaniline	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
4-Nitrophenol	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Aniline	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Azobenzene		0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Benzidine	NELAP	1.15		see note	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Benzoic acid	NELAP	1.63		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Benzyl alcohol	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Carbazole		0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10071064  
**Lab ID:** 10071064-001  
**Report Date:** 28-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-D2-F(25)  
**Collection Date:** 7/27/2010 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>								
Dibenzofuran	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Diethyl phthalate	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Dimethyl phthalate	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Hexachlorobenzene	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Hexachlorobutadiene	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Hexachloroethane	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Isophorone	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
m,p-Cresol	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Nitrobenzene	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
o-Cresol	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Pentachlorophenol	NELAP	2.18		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Phenol	NELAP	0.381		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Pyridine	NELAP	0.545		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
1,2-Diphenylhydrazine		0.915		ND	mg/Kg-dry	1	7/28/2010 10:55:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		74.9	%REC	1	7/28/2010 10:55:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		79.5	%REC	1	7/28/2010 10:55:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		69.2	%REC	1	7/28/2010 10:55:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		80.6	%REC	1	7/28/2010 10:55:00 AM	DMH
Surr: Phenol-d5		34.9-110		76.7	%REC	1	7/28/2010 10:55:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		84.2	%REC	1	7/28/2010 10:55:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,1-Dichloro-2-propanone		52.6		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,1-Dichloroethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,1-Dichloroethene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,1-Dichloropropene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,2,3-Trichloropropane	NELAP	10.5		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10071064  
**Lab ID:** 10071064-001  
**Report Date:** 28-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-D2-F(25)  
**Collection Date:** 7/27/2010 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>								
1,2,3-Trimethylbenzene		5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.26	J	1.6	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,2-Dibromoethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,2-Dichloroethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,2-Dichloropropane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,3-Dichloropropane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
1-Chlorobutane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
2,2-Dichloropropane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
2-Butanone	NELAP	52.6		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
2-Chlorotoluene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
2-Hexanone	NELAP	52.6		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
2-Nitropropane	NELAP	52.6		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
4-Chlorotoluene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
4-Methyl-2-pentanone	NELAP	52.6		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Acetone	NELAP	52.6	J	11	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Acetonitrile	NELAP	105		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Acrolein	NELAP	105		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Acrylonitrile	NELAP	10.5		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Allyl chloride	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Benzene	NELAP	1.05		2.30	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Bromobenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Bromochloromethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Bromodichloromethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Bromoform	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Bromomethane	NELAP	10.5		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Carbon disulfide	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Carbon tetrachloride	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Chlorobenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Chloroethane	NELAP	10.5		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Chloroform	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Chloromethane	NELAP	10.5		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10071064  
**Lab ID:** 10071064-001  
**Report Date:** 28-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-D2-F(25)  
**Collection Date:** 7/27/2010 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>								
cis-1,3-Dichloropropene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Cyclohexanone		105		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Dibromochloromethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Dibromomethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Dichlorodifluoromethane	NELAP	10.5		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Ethyl acetate	NELAP	52.6		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Ethyl ether	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Ethyl methacrylate	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Ethylbenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Gasoline Range Organics (OA-1)		1050	J	520	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Heptane		21.0		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Hexachlorobutadiene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Hexachloroethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Iodomethane	NELAP	10.5		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Isopropylbenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
m,p-Xylenes	NELAP	5.26	J	1.9	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Methacrylonitrile	NELAP	52.6		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Methyl Methacrylate	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.10		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Methylacrylate		10.5		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Methylene chloride	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Naphthalene	NELAP	10.5		17.8	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
n-Butylbenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
n-Hexane		21.0		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Nitrobenzene	NELAP	105		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
n-Propylbenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
o-Xylene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Pentachloroethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
p-Isopropyltoluene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Propionitrile	NELAP	52.6		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
sec-Butylbenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Styrene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
tert-Butylbenzene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Tetrachloroethene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Tetrahydrofuran	NELAP	52.6		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Toluene	NELAP	5.26	J	3.5	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10071064  
**Lab ID:** 10071064-001  
**Report Date:** 28-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-D2-F(25)  
**Collection Date:** 7/27/2010 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>								
trans-1,4-Dichloro-2-butene	NELAP	10.5		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Trichloroethene	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Trichlorofluoromethane	NELAP	5.26		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Vinyl acetate	NELAP	52.6		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Vinyl chloride	NELAP	2.10		ND	µg/Kg-dry	1	7/28/2010 12:20:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		104.4	%REC	1	7/28/2010 12:20:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116	S	78.3	%REC	1	7/28/2010 12:20:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		108.3	%REC	1	7/28/2010 12:20:00 PM	RWE
Surr: Toluene-d8		86-116	S	118.8	%REC	1	7/28/2010 12:20:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	7/28/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.540		< 0.540	mg/Kg-dry	1	7/28/2010 8:29:47 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.55		< 0.55	mg/Kg-dry	1	7/28/2010 8:29:47 AM	RCE

### 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.

Marginal Exceedance on Naphthalene in the LCSD is verified per NELAC Appendix D 1.1.2

ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10071064  
**Lab ID:** 10071064-002  
**Report Date:** 28-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-D4-F(25)  
**Collection Date:** 7/27/2010 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>EPA SW846 3550C, 5035A, ASTM D2974</u></b>								
Percent Moisture		0.1		13.5	%	1	7/27/2010 5:30:00 PM	MK
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		86.5	%	1	7/27/2010 5:30:00 PM	MK
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.40		4.10	mg/Kg-dry	1	7/28/2010	LAL
Barium	NELAP	0.48		20.9	mg/Kg-dry	1	7/28/2010	LAL
Cadmium	NELAP	0.19		0.90	mg/Kg-dry	1	7/28/2010 3:02:42 PM	JMW
Chromium	NELAP	0.96		13.6	mg/Kg-dry	1	7/28/2010	LAL
Lead	NELAP	3.85		10.5	mg/Kg-dry	1	7/28/2010	LAL
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	7/28/2010	LAL
<b><u>SW-846 3050B, METALS BY GFAA</u></b>								
Selenium	7740	NELAP	0.566	< 0.566	mg/Kg-dry	1	7/28/2010 1:54:08 PM	MEK
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	5.78		13.9	mg/Kg-dry	1	7/28/2010 10:25:00 AM	DMH
Kerosene	NELAP	5.78		ND	mg/Kg-dry	1	7/28/2010 10:25:00 AM	DMH
Mineral Spirits	NELAP	5.78		ND	mg/Kg-dry	1	7/28/2010 10:25:00 AM	DMH
Motor Oil	NELAP	5.78		ND	mg/Kg-dry	1	7/28/2010 10:25:00 AM	DMH
Surr: n-Tetracontane		50.6-140		85.3	%REC	1	7/28/2010 10:25:00 AM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.019		0.235	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Acenaphthylene	NELAP	0.019		0.150	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Anthracene	NELAP	0.019		0.192	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Benzo(a)anthracene	NELAP	0.019		0.112	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Benzo(a)pyrene	NELAP	0.019		0.097	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Benzo(b)fluoranthene	NELAP	0.019		0.080	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Benzo(g,h,i)perylene	NELAP	0.019		0.051	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Benzo(k)fluoranthene	NELAP	0.019		0.029	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Bis(2-ethylhexyl)phthalate	NELAP	0.379		ND	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Chrysene	NELAP	0.019		0.102	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Dibenzo(a,h)anthracene	NELAP	0.019		ND	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Fluoranthene	NELAP	0.019		0.324	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Fluorene	NELAP	0.019		0.185	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Indeno(1,2,3-cd)pyrene	NELAP	0.019		0.038	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Naphthalene	NELAP	0.019		1.27	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Phenanthrene	NELAP	0.019		0.645	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Pyrene	NELAP	0.019		0.368	mg/Kg-dry	5	7/28/2010 11:51:00 AM	MAV
Surr: 2-Fluorobiphenyl		10-131		76.1	%REC	5	7/28/2010 11:51:00 AM	MAV
Surr: Nitrobenzene-d5		10-132		67.7	%REC	5	7/28/2010 11:51:00 AM	MAV



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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10071064  
**Lab ID:** 10071064-002  
**Report Date:** 28-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-D4-F(25)  
**Collection Date:** 7/27/2010 8:40:00 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		<b>86.6</b>	%REC	5	7/28/2010 11:51:00 AM	MAW
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
1,2-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
1,3-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
1,4-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
2,4-Dichlorophenol	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
2,4-Dimethylphenol	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
2,4-Dinitrophenol	NELAP	1.13		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
2-Chloronaphthalene	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
2-Chlorophenol	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
2-Methoxy-4-methylphenol		0.735		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
2-Methylnaphthalene	NELAP	0.396		<b>0.492</b>	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
2-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
2-Nitrophenol	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
3-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	1.13		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
4-Chloroaniline	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
4-Nitroaniline	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
4-Nitrophenol	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Aniline	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Azobenzene		0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Benzidine	NELAP	1.19		see note	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Benzoic acid	NELAP	1.70		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Benzyl alcohol	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Carbazole		0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10071064  
**Lab ID:** 10071064-002  
**Report Date:** 28-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-D4-F(25)  
**Collection Date:** 7/27/2010 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Dibenzofuran	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Diethyl phthalate	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Dimethyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Hexachlorobenzene	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Hexachlorobutadiene	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Hexachloroethane	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Isophorone	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
m,p-Cresol	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Nitrobenzene	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
N-Nitrosodimethylamine	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
o-Cresol	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Pentachlorophenol	NELAP	2.26		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Phenol	NELAP	0.396		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Pyridine	NELAP	0.565		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
1,2-Diphenylhydrazine		0.949		ND	mg/Kg-dry	1	7/28/2010 11:27:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		67.5	%REC	1	7/28/2010 11:27:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		77.2	%REC	1	7/28/2010 11:27:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		64.8	%REC	1	7/28/2010 11:27:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		78.6	%REC	1	7/28/2010 11:27:00 AM	DMH
Surr: Phenol-d5		34.9-110		75.0	%REC	1	7/28/2010 11:27:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		79.1	%REC	1	7/28/2010 11:27:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,1,1-Trichloroethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,1,2-Trichloroethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,1-Dichloro-2-propanone		55.9		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,1-Dichloroethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,1-Dichloroethene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,1-Dichloropropene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,2,3-Trichloropropane	NELAP	11.2		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10071064  
**Lab ID:** 10071064-002  
**Report Date:** 28-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-D4-F(25)  
**Collection Date:** 7/27/2010 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,3-Trimethylbenzene		5.59		7.60	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	5.59		16.6	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,2-Dibromoethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,2-Dichlorobenzene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,2-Dichloroethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,2-Dichloropropane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	5.59	J	4.6	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,3-Dichlorobenzene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,3-Dichloropropane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1,4-Dichlorobenzene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
1-Chlorobutane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
2,2-Dichloropropane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
2-Butanone	NELAP	55.9		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
2-Chlorotoluene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
2-Hexanone	NELAP	55.9		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
2-Nitropropane	NELAP	55.9		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
4-Chlorotoluene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
4-Methyl-2-pentanone	NELAP	55.9		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Acetone	NELAP	55.9	J	17	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Acetonitrile	NELAP	112		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Acrolein	NELAP	112		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Acrylonitrile	NELAP	11.2		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Allyl chloride	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Benzene	NELAP	1.12		49.8	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Bromobenzene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Bromochloromethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Bromodichloromethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Bromoform	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Bromomethane	NELAP	11.2		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Carbon disulfide	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Carbon tetrachloride	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Chlorobenzene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Chloroethane	NELAP	11.2		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Chloroform	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Chloromethane	NELAP	11.2		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10071064  
**Lab ID:** 10071064-002  
**Report Date:** 28-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-D4-F(25)  
**Collection Date:** 7/27/2010 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
cis-1,3-Dichloropropene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Cyclohexanone		112		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Dibromochloromethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Dibromomethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Dichlorodifluoromethane	NELAP	11.2		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Ethyl acetate	NELAP	55.9		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Ethyl ether	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Ethyl methacrylate	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Ethylbenzene	NELAP	5.59		10.7	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Gasoline Range Organics (OA-1)		1120	J	700	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Heptane		22.4		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Hexachlorobutadiene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Hexachloroethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Iodomethane	NELAP	11.2		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Isopropylbenzene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
m,p-Xylenes	NELAP	5.59		13.7	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Methacrylonitrile	NELAP	55.9		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Methyl Methacrylate	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Methyl tert-butyl ether	NELAP	2.24		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Methylacrylate		11.2		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Methylene chloride	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Naphthalene	NELAP	195		263	µg/Kg-dry	12.5	7/28/2010 1:44:00 PM	RWE
n-Butylbenzene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
n-Hexane		22.4		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Nitrobenzene	NELAP	112		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
n-Propylbenzene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
o-Xylene	NELAP	5.59		8.49	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Pentachloroethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
p-Isopropyltoluene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Propionitrile	NELAP	55.9		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
sec-Butylbenzene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Styrene	NELAP	5.59		8.51	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
tert-Butylbenzene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Tetrachloroethene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Tetrahydrofuran	NELAP	55.9		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Toluene	NELAP	5.59		28.2	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10071064  
**Lab ID:** 10071064-002  
**Report Date:** 28-Jul-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-D4-F(25)  
**Collection Date:** 7/27/2010 8:40:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
trans-1,4-Dichloro-2-butene	NELAP	11.2		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Trichloroethene	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Trichlorofluoromethane	NELAP	5.59		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Vinyl acetate	NELAP	55.9		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Vinyl chloride	NELAP	2.24		ND	µg/Kg-dry	1	7/28/2010 12:48:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		101.7	%REC	1	7/28/2010 12:48:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		84.5	%REC	1	7/28/2010 12:48:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		104.9	%REC	1	7/28/2010 12:48:00 PM	RWE
Surr: Toluene-d8		86-116		112.0	%REC	1	7/28/2010 12:48:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	7/28/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.567		< 0.567	mg/Kg-dry	1	7/28/2010 8:29:47 AM	RCE
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.57		< 0.57	mg/Kg-dry	1	7/28/2010 8:29:47 AM	RCE

### 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

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 on Naphthalene in the LCSD is verified per NELAC Appendix D 1.1.2

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:** 10071064

**Report Date:** 28-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10071064-001A	P5-D2-F(25)	7/27/2010	Solid	SW-846 3050B, 6010B, Metals by ICP	7/28/2010 7:57:51 AM	7/28/2010 2:48:06 PM
				SW-846 3050B, 6010B, Metals by ICP	7/28/2010 7:57:51 AM	7/28/2010 2:55:33 PM
				SW-846 3050B, Metals by GFAA	7/28/2010 7:54:58 AM	7/28/2010 1:43:56 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	7/27/2010 7:53:45 PM	7/28/2010 9:34:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/28/2010 10:04:50 AM	7/28/2010 11:14:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/28/2010 10:04:50 AM	7/28/2010 11:14:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/28/2010 8:14:04 AM	7/28/2010 10:55:00 AM
				SW-846 7471A	7/28/2010 8:47:23 AM	7/28/2010
10071064-001B				EPA SW846 3550C, 5035A, ASTM D2974		7/27/2010 5:30:00 PM
				Standard Methods 18th Ed. 2540 G		7/27/2010 5:30:00 PM
				SW-846 9012A		7/28/2010 8:29:47 AM
				SW-846 9012A (Total)		7/28/2010 8:29:47 AM
10071064-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/28/2010 12:20:00 PM
10071064-002A	P5-D4-F(25)			SW-846 3050B, 6010B, Metals by ICP	7/28/2010 7:57:51 AM	7/28/2010
				SW-846 3050B, 6010B, Metals by ICP	7/28/2010 7:57:51 AM	7/28/2010 3:02:42 PM
				SW-846 3050B, Metals by GFAA	7/28/2010 7:54:58 AM	7/28/2010 1:54:08 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	7/27/2010 7:53:45 PM	7/28/2010 10:25:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/28/2010 10:04:50 AM	7/28/2010 11:51:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	7/28/2010 10:04:50 AM	7/28/2010 11:51:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	7/28/2010 8:14:04 AM	7/28/2010 11:27:00 AM
				SW-846 7471A	7/28/2010 8:47:23 AM	7/28/2010
10071064-002B				EPA SW846 3550C, 5035A, ASTM D2974		7/27/2010 5:30:00 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:** 10071064

**Report Date:** 28-Jul-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10071064-002B	P5-D4-F(25)	7/27/2010	Solid	Standard Methods 18th Ed. 2540 G		7/27/2010 5:30:00 PM
				SW-846 9012A		7/28/2010 8:29:47 AM
				SW-846 9012A (Total)		7/28/2010 8:29:47 AM
10071064-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/28/2010 12:48:00 PM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		7/28/2010 1:44:00 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: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCS-R138323</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>138323</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R138323</b>		Analysis Date: <b>7/27/2010</b>	SeqNo: <b>2687074</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>138323</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R138323</b>		Analysis Date: <b>7/27/2010</b>	SeqNo: <b>2687075</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>10071064-001BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>138323</b>							
Client ID: <b>P5-D2-F(25)DUP</b>	Batch ID: <b>R138323</b>		Analysis Date: <b>7/27/2010</b>	SeqNo: <b>2687116</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	90.3	0.1						89.85	0.455	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: 10071064

Report Date: 28-Jul-10

Sample ID: <b>MB-62045</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/28/2010</b>	RunNo: <b>138320</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62045</b>	<b>SOP 3032</b>				Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687801</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	0.11	0.20	0.2000	0	55.0	-100	100				J

Sample ID: <b>LCS-62045</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/28/2010</b>	RunNo: <b>138320</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62045</b>	<b>SOP 3032</b>				Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687802</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	5.63	0.20	5.000	0	112.6	85	115				

Sample ID: <b>10071064-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/28/2010</b>	RunNo: <b>138320</b>				
Client ID: <b>P5-D2-F(25)MS</b>	Batch ID: <b>62045</b>	<b>SOP 3032</b>				Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687805</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	5.05	0.19	4.808	0.8462	87.4	75	125				

Sample ID: <b>10071064-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/28/2010</b>	RunNo: <b>138320</b>				
Client ID: <b>P5-D2-F(25)MSD</b>	Batch ID: <b>62045</b>	<b>SOP 3032</b>				Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687806</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	4.95	0.19	4.808	0.8462	85.4	75	125	5.048	1.92	20	

Sample ID: <b>MB-62045</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>7/28/2010</b>	RunNo: <b>138367</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62045</b>	<b>SOP 3032</b>				Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687856</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				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW6010B**

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCS-62045</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138367</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62045</b>	<b>SOP 3032</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687857</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	210	2.50	200.0	0	105.2	85	115				
Barium	206	0.50	200.0	0	103.2	85	115				
Chromium	21.9	1.00	20.00	0	109.7	85	115				
Lead	54.0	4.00	50.00	0	108.1	85	115				
Silver	5.75	0.55	5.000	0	115.0	85	115				

Sample ID: <b>10071064-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138367</b>
Client ID: <b>P5-D2-F(25)MS</b>	Batch ID: <b>62045</b>	<b>SOP 3032</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687860</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	190	2.40	192.3	4.740	96.1	75	125				
Barium	179	0.48	192.3	17.13	84.3	75	125				
Chromium	30.7	0.96	19.23	10.84	103.5	75	125				
Lead	51.4	3.85	48.08	9.288	87.5	75	125				
Silver	4.47	0.53	4.808	0	93.0	75	125				

Sample ID: <b>10071064-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138367</b>
Client ID: <b>P5-D2-F(25)MSD</b>	Batch ID: <b>62045</b>	<b>SOP 3032</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687861</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	188	2.40	192.3	4.740	95.4	75	125	189.6	0.764	20	
Barium	175	0.48	192.3	17.13	82.0	75	125	179.2	2.44	20	
Chromium	28.9	0.96	19.23	10.84	93.8	75	125	30.74	6.26	20	
Lead	51.6	3.85	48.08	9.288	88.0	75	125	51.37	0.467	20	
Silver	4.63	0.53	4.808	0	96.2	75	125	4.471	3.38	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW7000 G

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>MB-62044</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138350</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62044</b>	<b>SOP 3042</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687561</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-62044</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138350</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62044</b>	<b>SOP 3042</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687562</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	3.38	0.600	3.000	0	112.8	80	120			
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Sample ID: <b>10071064-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138350</b>							
Client ID: <b>P5-D2-F(25)MSD</b>	Batch ID: <b>62044</b>	<b>SOP 3042</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687565</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.70	1.20	3.000	0	90.1	70	130	2.686	0.599	20
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Sample ID: <b>10071064-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138350</b>							
Client ID: <b>P5-D2-F(25)MS</b>	Batch ID: <b>62044</b>	<b>SOP 3042</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687567</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Selenium	7740	2.69	1.20	3.000	0	89.5	70	130			
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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: 10071064

Report Date: 28-Jul-10

Sample ID: <b>MB-62056</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138353</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62056</b>	<b>SOP 3063</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687676</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-62056</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138353</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62056</b>	<b>SOP 3063</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687677</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.278	0.010	0.2500	0	111.4	85	115				
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Sample ID: <b>10071064-002AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138353</b>							
Client ID: <b>P5-D4-F(25)MS</b>	Batch ID: <b>62056</b>	<b>SOP 3063</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687682</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.338	0.011	0.2855	0.007423	115.8	75	125				
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Sample ID: <b>10071064-002AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138353</b>							
Client ID: <b>P5-D4-F(25)MSD</b>	Batch ID: <b>62056</b>	<b>SOP 3063</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687683</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury	0.339	0.011	0.2855	0.007423	116.2	75	125	0.3380	0.337	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: 10071064

Report Date: 28-Jul-10

Sample ID: <b>MB-62043</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138342</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62043</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687290</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	ND	5.00									
Kerosene	ND	5.00									
Mineral Spirits	ND	5.00									
Motor Oil	ND	5.00									
Surr: n-Tetracontane	0.52		0.6700		78.0	54.8	128				

Sample ID: <b>LCS-62043</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138342</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62043</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687291</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	18.8	5.00	16.70	0	112.7	40.4	121				
Surr: n-Tetracontane	0.56		0.6700		83.7	54.8	128				

Sample ID: <b>10071064-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138342</b>							
Client ID: <b>P5-D2-F(25)MS</b>	Batch ID: <b>62043</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687293</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	27.7	5.59	18.69	12.29	82.6	20.3	167				
Surr: n-Tetracontane	0.70		0.7497		93.3	53.9	153				

Sample ID: <b>10071064-001MSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138342</b>							
Client ID: <b>P5-D2-F(25)MSD</b>	Batch ID: <b>62043</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687294</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	32.3	5.59	18.69	12.29	106.9	20.3	167	27.72	15.2	34	
Surr: n-Tetracontane	0.71		0.7497		95.3	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: 10071064

Report Date: 28-Jul-10

Sample ID: LCS-A100728-1	SampType: LCS	Units: µg/Kg				Prep Date: 7/27/2010	RunNo: 138355				
Client ID: ZZZZZZ	Batch ID: 62067	SW5035				Analysis Date: 7/28/2010	SeqNo: 2687611				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.9	5.00	50.00	0	101.8	0	200				
1,1,1-Trichloroethane	50.4	5.00	50.00	0	100.8	85.8	124				
1,1,2,2-Tetrachloroethane	49.6	5.00	50.00	0	99.1	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	49.4	5.00	50.00	0	98.8	0	200				
1,1,2-Trichloroethane	49.7	5.00	50.00	0	99.3	0	200				
1,1-Dichloro-2-propanone	141	50.0	125.0	0	112.6	0	200				
1,1-Dichloroethane	49.2	5.00	50.00	0	98.4	0	200				
1,1-Dichloroethene	48.5	5.00	50.00	0	97.0	60.1	131				
1,1-Dichloropropene	48.1	5.00	50.00	0	96.2	0	200				
1,2,3-Trichlorobenzene	42.9	5.00	50.00	0	85.8	0	200				
1,2,3-Trichloropropane	50.4	10.0	50.00	0	100.7	0	200				
1,2,3-Trimethylbenzene	43.3	5.00	50.00	0	86.6	0	200				
1,2,4-Trichlorobenzene	40.0	5.00	50.00	0	80.0	0	200				
1,2,4-Trimethylbenzene	43.6	5.00	50.00	0	87.2	0	200				
1,2-Dibromo-3-chloropropane	56.3	5.00	50.00	0	112.6	0	200				
1,2-Dibromoethane	50.6	5.00	50.00	0	101.3	86.9	119				
1,2-Dichlorobenzene	49.3	5.00	50.00	0	98.6	88	119				
1,2-Dichloroethane	49.8	5.00	50.00	0	99.6	73	117				
1,2-Dichloropropane	49.7	5.00	50.00	0	99.4	0	200				
1,3,5-Trimethylbenzene	43.6	5.00	50.00	0	87.3	0	200				
1,3-Dichlorobenzene	47.3	5.00	50.00	0	94.6	85.8	125				
1,3-Dichloropropane	48.7	5.00	50.00	0	97.3	0	200				
1,4-Dichlorobenzene	46.0	5.00	50.00	0	91.9	84.5	124				
1-Chlorobutane	44.9	5.00	50.00	0	89.9	0	200				
2,2-Dichloropropane	49.0	5.00	50.00	0	98.0	0	200				
2-Butanone	124	50.0	125.0	0	98.9	45.3	136				
2-Chlorotoluene	43.9	5.00	50.00	0	87.8	0	200				
2-Hexanone	133	50.0	125.0	0	106.1	0	200				
2-Nitropropane	50.9	50.0	50.00	0	101.8	0	200				
4-Chlorotoluene	43.7	5.00	50.00	0	87.4	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: LCS-A100728-1	SampType: LCS	Units: µg/Kg	Prep Date: 7/27/2010	RunNo: 138355							
Client ID: ZZZZZZ	Batch ID: 62067	SW5035	Analysis Date: 7/28/2010	SeqNo: 2687611							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	131	50.0	125.0	0	104.4	0	200				
Acetone	123	50.0	125.0	0	98.5	0	200				
Acrylonitrile	50.8	10.0	50.00	0	101.6	0	200				
Allyl chloride	47.4	5.00	50.00	0	94.9	0	200				
Benzene	49.8	1.00	50.00	0	99.5	73.9	109				
Bromobenzene	48.0	5.00	50.00	0	96.1	0	200				
Bromochloromethane	50.1	5.00	50.00	0	100.2	0	200				
Bromodichloromethane	51.0	5.00	50.00	0	101.9	91.3	126				
Bromoform	53.2	5.00	50.00	0	106.4	0	200				
Bromomethane	55.2	10.0	50.00	0	110.4	0	200				
Carbon disulfide	47.6	5.00	50.00	0	95.2	0	200				
Carbon tetrachloride	50.3	5.00	50.00	0	100.7	83.3	127				
Chlorobenzene	48.9	5.00	50.00	0	97.9	85.8	116				
Chloroethane	56.5	10.0	50.00	0	113.1	0	200				
Chloroform	49.7	5.00	50.00	0	99.4	80	113				
Chloromethane	46.1	10.0	50.00	0	92.3	0	200				
cis-1,2-Dichloroethene	49.7	5.00	50.00	0	99.4	0	200				
cis-1,3-Dichloropropene	49.0	4.00	50.00	0	97.9	0	200				
Cyclohexanone	262	100	250.0	0	104.7	0	200				
Dibromochloromethane	51.3	5.00	50.00	0	102.5	89.1	119				
Dibromomethane	50.7	5.00	50.00	0	101.5	0	200				
Dichlorodifluoromethane	52.7	10.0	50.00	0	105.4	0	200				
Ethyl acetate	50.7	50.0	50.00	0	101.4	0	200				
Ethyl ether	47.9	5.00	50.00	0	95.9	0	200				
Ethyl methacrylate	49.8	5.00	50.00	0	99.6	0	200				
Ethylbenzene	48.3	5.00	50.00	0	96.6	84.1	115				
Heptane	47.8	20.0	50.00	0	95.5	0	200				
Hexachlorobutadiene	47.4	5.00	50.00	0	94.8	0	200				
Hexachloroethane	52.2	5.00	50.00	0	104.5	0	200				
Iodomethane	47.9	10.0	50.00	0	95.8	0	200				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCS-A100728-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/27/2010</b>	RunNo: <b>138355</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62067</b>	<b>SW5035</b>				Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687611</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	49.0	5.00	50.00	0	98.0	0	200				
m,p-Xylenes	93.7	5.00	100.0	0	93.7	79.1	111				
Methacrylonitrile	50.5	50.0	50.00	0	101.0	0	200				
Methyl Methacrylate	51.4	5.00	50.00	0	102.9	0	200				
Methyl tert-butyl ether	48.7	2.00	50.00	0	97.4	80	128				
Methylacrylate	50.4	10.0	50.00	0	100.8	0	200				
Methylene chloride	53.0	5.00	50.00	0	106.0	73.9	116				
Naphthalene	40.7	10.0	50.00	0	81.3	73.1	135				
n-Butylbenzene	38.6	5.00	50.00	0	77.2	0	200				
n-Hexane	49.1	20.0	50.00	0	98.1	0	200				
Nitrobenzene	96	100	50.00	0	192.2	0	200				J
n-Propylbenzene	43.7	5.00	50.00	0	87.3	0	200				
o-Xylene	47.5	5.00	50.00	0	95.0	82	117				
Pentachloroethane	53.2	5.00	50.00	0	106.5	0	200				
p-Isopropyltoluene	43.8	5.00	50.00	0	87.6	0	200				
Propionitrile	60.9	50.0	50.00	0	121.8	0	200				
sec-Butylbenzene	45.8	5.00	50.00	0	91.7	0	200				
Styrene	47.8	5.00	50.00	0	95.6	0	200				
tert-Butylbenzene	45.5	5.00	50.00	0	90.9	0	200				
Tetrachloroethene	48.1	5.00	50.00	0	96.3	74.6	115				
Tetrahydrofuran	50	50.0	50.00	0	99.2	0	200				J
Toluene	49.0	5.00	50.00	0	98.1	79.1	112				
trans-1,2-Dichloroethene	47.9	5.00	50.00	0	95.9	0	200				
trans-1,3-Dichloropropene	48.6	4.00	50.00	0	97.1	0	200				
trans-1,4-Dichloro-2-butene	45.5	10.0	50.00	0	91.0	0	200				
Trichloroethene	50.4	5.00	50.00	0	100.8	81	111				
Trichlorofluoromethane	49.5	5.00	50.00	0	99.1	0	200				
Vinyl acetate	51.5	50.0	50.00	0	103.1	0	200				
Vinyl chloride	47.8	2.00	50.00	0	95.7	0	200				
Surr: 1,2-Dichloroethane-d4	49.8		50.00		99.6	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: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCS-A100728-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138355</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62067</b>	<b>SW5035</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687611</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	53.1		50.00		106.1	82.1	116				
Surr: Dibromofluoromethane	50.2		50.00		100.3	77.7	120				
Surr: Toluene-d8	48.2		50.00		96.4	86	116				

Sample ID: <b>LCSD-A100728-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138355</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62067</b>	<b>SW5035</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687612</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.9	5.00	50.00	0	101.7	0	200	50.90	0.0786	20	
1,1,1-Trichloroethane	50.8	5.00	50.00	0	101.5	85.8	124	50.38	0.751	20	
1,1,2,2-Tetrachloroethane	48.9	5.00	50.00	0	97.8	0	200	49.56	1.32	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	49.7	5.00	50.00	0	99.4	0	200	49.42	0.565	20	
1,1,2-Trichloroethane	49.1	5.00	50.00	0	98.2	0	200	49.66	1.15	20	
1,1-Dichloro-2-propanone	142	50.0	125.0	0	113.5	0	200	140.7	0.807	20	
1,1-Dichloroethane	49.5	5.00	50.00	0	99.0	0	200	49.21	0.608	20	
1,1-Dichloroethene	49.0	5.00	50.00	0	98.1	60.1	131	48.48	1.13	20	
1,1-Dichloropropene	48.6	5.00	50.00	0	97.3	0	200	48.12	1.05	20	
1,2,3-Trichlorobenzene	35.3	5.00	50.00	0	70.6	0	200	42.91	19.5	20	
1,2,3-Trichloropropane	49.8	10.0	50.00	0	99.6	0	200	50.37	1.18	20	
1,2,3-Trimethylbenzene	40.3	5.00	50.00	0	80.5	0	200	43.32	7.30	20	
1,2,4-Trichlorobenzene	33.0	5.00	50.00	0	66.1	0	200	39.98	19.0	20	
1,2,4-Trimethylbenzene	41.1	5.00	50.00	0	82.2	0	200	43.60	5.95	20	
1,2-Dibromo-3-chloropropane	52.7	5.00	50.00	0	105.4	0	200	56.29	6.63	20	
1,2-Dibromoethane	49.7	5.00	50.00	0	99.5	86.9	119	50.63	1.79	20	
1,2-Dichlorobenzene	49.7	5.00	50.00	0	99.4	88	119	49.29	0.828	20	
1,2-Dichloroethane	50.1	5.00	50.00	0	100.2	73	117	49.82	0.560	20	
1,2-Dichloropropane	50.2	5.00	50.00	0	100.5	0	200	49.69	1.12	20	
1,3,5-Trimethylbenzene	43.5	5.00	50.00	0	87.0	0	200	43.63	0.344	20	
1,3-Dichlorobenzene	47.1	5.00	50.00	0	94.1	85.8	125	47.30	0.487	20	
1,3-Dichloropropane	48.2	5.00	50.00	0	96.3	0	200	48.66	1.05	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCSD-A100728-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/27/2010</b>	RunNo: <b>138355</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62067</b>	<b>SW5035</b>				Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687612</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	46.0	5.00	50.00	0	92.0	84.5	124	45.97	0.0218	20	
1-Chlorobutane	45.9	5.00	50.00	0	91.8	0	200	44.94	2.14	20	
2,2-Dichloropropane	49.3	5.00	50.00	0	98.6	0	200	48.99	0.590	20	
2-Butanone	110	50.0	125.0	0	87.9	45.3	136	123.6	11.7	20	
2-Chlorotoluene	44.1	5.00	50.00	0	88.2	0	200	43.89	0.477	20	
2-Hexanone	119	50.0	125.0	0	94.8	0	200	132.7	11.3	20	
2-Nitropropane	45	50.0	50.00	0	90.4	0	200	50.89	0	20	J
4-Chlorotoluene	44.0	5.00	50.00	0	88.0	0	200	43.68	0.775	20	
4-Methyl-2-pentanone	119	50.0	125.0	0	95.3	0	200	130.5	9.16	20	
Acetone	103	50.0	125.0	0	82.4	0	200	123.1	17.8	20	
Acrylonitrile	48.3	10.0	50.00	0	96.5	0	200	50.80	5.13	20	
Allyl chloride	48.1	5.00	50.00	0	96.2	0	200	47.43	1.44	20	
Benzene	49.8	1.00	50.00	0	99.7	73.9	109	49.77	0.120	20	
Bromobenzene	48.2	5.00	50.00	0	96.3	0	200	48.05	0.208	20	
Bromochloromethane	51.2	5.00	50.00	0	102.5	0	200	50.10	2.23	20	
Bromodichloromethane	51.3	5.00	50.00	0	102.5	91.3	126	50.95	0.607	20	
Bromoform	52.0	5.00	50.00	0	103.9	0	200	53.20	2.38	20	
Bromomethane	54.8	10.0	50.00	0	109.7	0	200	55.22	0.672	20	
Carbon disulfide	48.3	5.00	50.00	0	96.6	0	200	47.60	1.46	20	
Carbon tetrachloride	50.8	5.00	50.00	0	101.7	83.3	127	50.33	1.01	20	
Chlorobenzene	49.5	5.00	50.00	0	99.1	85.8	116	48.93	1.22	20	
Chloroethane	56.8	10.0	50.00	0	113.6	0	200	56.53	0.441	20	
Chloroform	50.5	5.00	50.00	0	101.1	80	113	49.71	1.64	20	
Chloromethane	45.8	10.0	50.00	0	91.6	0	200	46.14	0.718	20	
cis-1,2-Dichloroethene	50.3	5.00	50.00	0	100.6	0	200	49.70	1.18	20	
cis-1,3-Dichloropropene	49.2	4.00	50.00	0	98.4	0	200	48.95	0.469	20	
Cyclohexanone	232	100	250.0	0	92.9	0	200	261.7	11.9	20	
Dibromochloromethane	51.0	5.00	50.00	0	101.9	89.1	119	51.26	0.587	20	
Dibromomethane	50.6	5.00	50.00	0	101.1	0	200	50.74	0.375	20	
Dichlorodifluoromethane	52.8	10.0	50.00	0	105.6	0	200	52.68	0.265	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCSD-A100728-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/27/2010</b>	RunNo: <b>138355</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62067</b>	<b>SW5035</b>				Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687612</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethyl acetate	47	50.0	50.00	0	94.4	0	200	50.69	0	20	J
Ethyl ether	48.1	5.00	50.00	0	96.1	0	200	47.94	0.250	20	
Ethyl methacrylate	47.4	5.00	50.00	0	94.8	0	200	49.81	4.94	20	
Ethylbenzene	47.8	5.00	50.00	0	95.6	84.1	115	48.31	1.04	20	
Heptane	49.2	20.0	50.00	0	98.5	0	200	47.75	3.07	20	
Hexachlorobutadiene	47.3	5.00	50.00	0	94.6	0	200	47.39	0.148	20	
Hexachloroethane	52.9	5.00	50.00	0	105.8	0	200	52.24	1.24	20	
Iodomethane	47.0	10.0	50.00	0	94.0	0	200	47.88	1.83	20	
Isopropylbenzene	48.8	5.00	50.00	0	97.5	0	200	48.98	0.450	20	
m,p-Xylenes	92.8	5.00	100.0	0	92.8	79.1	111	93.73	0.954	20	
Methacrylonitrile	49	50.0	50.00	0	97.4	0	200	50.50	0	20	J
Methyl Methacrylate	48.6	5.00	50.00	0	97.1	0	200	51.45	5.80	20	
Methyl tert-butyl ether	48.8	2.00	50.00	0	97.6	80	128	48.69	0.246	20	
Methylacrylate	48.3	10.0	50.00	0	96.6	0	200	50.41	4.28	20	
Methylene chloride	52.8	5.00	50.00	0	105.7	73.9	116	53.00	0.283	20	
Naphthalene	32.5	10.0	50.00	0	65.0	73.1	135	40.67	22.3	20	SR
n-Butylbenzene	33.8	5.00	50.00	0	67.7	0	200	38.59	13.1	20	
n-Hexane	49.5	20.0	50.00	0	99.0	0	200	49.07	0.872	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	96.11	0	20	
n-Propylbenzene	43.9	5.00	50.00	0	87.8	0	200	43.66	0.571	20	
o-Xylene	47.5	5.00	50.00	0	95.0	82	117	47.51	0.0632	20	
Pentachloroethane	54.7	5.00	50.00	0	109.4	0	200	53.23	2.69	20	
p-Isopropyltoluene	42.2	5.00	50.00	0	84.5	0	200	43.82	3.67	20	
Propionitrile	46	50.0	50.00	0	92.3	0	200	60.91	0	20	J
sec-Butylbenzene	45.8	5.00	50.00	0	91.6	0	200	45.83	0.0436	20	
Styrene	47.4	5.00	50.00	0	94.7	0	200	47.81	0.946	20	
tert-Butylbenzene	45.7	5.00	50.00	0	91.4	0	200	45.46	0.548	20	
Tetrachloroethene	47.4	5.00	50.00	0	94.9	74.6	115	48.14	1.49	20	
Tetrahydrofuran	46	50.0	50.00	0	92.9	0	200	49.62	0	20	J
Toluene	48.3	5.00	50.00	0	96.6	79.1	112	49.03	1.50	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCSA-A100728-1</b>		SampType: <b>LCSA</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/27/2010</b>			RunNo: <b>138355</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62067</b>		<b>SW5035</b>		Analysis Date: <b>7/28/2010</b>			SeqNo: <b>2687612</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	48.3	5.00	50.00	0	96.6	0	200	47.94	0.748	20	
trans-1,3-Dichloropropene	48.5	4.00	50.00	0	97.0	0	200	48.57	0.185	20	
trans-1,4-Dichloro-2-butene	44.7	10.0	50.00	0	89.4	0	200	45.50	1.73	20	
Trichloroethene	51.0	5.00	50.00	0	102.0	81	111	50.41	1.18	20	
Trichlorofluoromethane	50.1	5.00	50.00	0	100.2	0	200	49.54	1.12	20	
Vinyl acetate	50.6	50.0	50.00	0	101.2	0	200	51.54	1.86	20	
Vinyl chloride	48.3	2.00	50.00	0	96.6	0	200	47.84	0.936	20	
Surr: 1,2-Dichloroethane-d4	49.4		50.00		98.7	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	52.5		50.00		105.0	82.1	116		0	20	
Surr: Dibromofluoromethane	50.8		50.00		101.5	77.7	120		0	20	
Surr: Toluene-d8	48.4		50.00		96.8	86	116		0	20	

Sample ID: <b>LCSG-A100728-1</b>		SampType: <b>LCSG</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/27/2010</b>			RunNo: <b>138355</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62067</b>		<b>SW5035</b>		Analysis Date: <b>7/28/2010</b>			SeqNo: <b>2687614</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	1760	1000	2000	0	87.8	70	130				
Surr: 1,2-Dichloroethane-d4	49.3		50.00		98.7	61	128				
Surr: 4-Bromofluorobenzene	50.3		50.00		100.7	78.2	117				
Surr: Dibromofluoromethane	48.9		50.00		97.8	66.6	130				
Surr: Toluene-d8	48.0		50.00		96.0	80.1	122				

Sample ID: <b>LCSGD-A100728-1</b>		SampType: <b>LCSGD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/27/2010</b>			RunNo: <b>138355</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62067</b>		<b>SW5035</b>		Analysis Date: <b>7/28/2010</b>			SeqNo: <b>2687615</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	1730	1000	2000	0	86.5	70	130	1756	1.56	20	
Surr: 1,2-Dichloroethane-d4	49.5		50.00		99.0	61	128		0	0	
Surr: 4-Bromofluorobenzene	49.4		50.00		98.8	78.2	117		0	0	
Surr: Dibromofluoromethane	49.1		50.00		98.1	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: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCSGD-A100728-1</b>	SampType: <b>LCSGD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138355</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62067</b>	<b>SW5035</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687615</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	47.7		50.00		95.3	80.1	122		0	0	

Sample ID: <b>MBLK-A100728-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138355</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62067</b>	<b>SW5035</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687616</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: 10071064

Report Date: 28-Jul-10

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: 10071064

Report Date: 28-Jul-10

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: 10071064

Report Date: 28-Jul-10

Sample ID: <b>MBLK-A100728-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138355</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62067</b>	<b>SW5035</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687616</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	50.0		50.00		100	72.2	131				
Surr: 4-Bromofluorobenzene	49.5		50.00		99.0	82.1	116				
Surr: Dibromofluoromethane	51.0		50.00		101.9	77.7	120				
Surr: Toluene-d8	48.9		50.00		97.7	86	116				

Sample ID: <b>LCS-A100728-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138357</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62070</b>	<b>SW5035</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687645</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.9	5.00	50.00	0	101.8	0	200				
1,1,1-Trichloroethane	50.4	5.00	50.00	0	100.8	85.8	124				
1,1,2,2-Tetrachloroethane	49.6	5.00	50.00	0	99.1	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	49.4	5.00	50.00	0	98.8	0	200				
1,1,2-Trichloroethane	49.7	5.00	50.00	0	99.3	0	200				
1,1-Dichloro-2-propanone	141	50.0	125.0	0	112.6	0	200				
1,1-Dichloroethane	49.2	5.00	50.00	0	98.4	0	200				
1,1-Dichloroethene	48.5	5.00	50.00	0	97.0	60.1	131				
1,1-Dichloropropene	48.1	5.00	50.00	0	96.2	0	200				
1,2,3-Trichlorobenzene	42.9	5.00	50.00	0	85.8	0	200				
1,2,3-Trichloropropane	50.4	10.0	50.00	0	100.7	0	200				
1,2,3-Trimethylbenzene	43.3	5.00	50.00	0	86.6	0	200				
1,2,4-Trichlorobenzene	40.0	5.00	50.00	0	80.0	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCS-A100728-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/28/2010</b>	RunNo: <b>138357</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62070</b>	<b>SW5035</b>				Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687645</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	43.6	5.00	50.00	0	87.2	0	200				
1,2-Dibromo-3-chloropropane	56.3	5.00	50.00	0	112.6	0	200				
1,2-Dibromoethane	50.6	5.00	50.00	0	101.3	86.9	119				
1,2-Dichlorobenzene	49.3	5.00	50.00	0	98.6	88	119				
1,2-Dichloroethane	49.8	5.00	50.00	0	99.6	73	117				
1,2-Dichloropropane	49.7	5.00	50.00	0	99.4	0	200				
1,3,5-Trimethylbenzene	43.6	5.00	50.00	0	87.3	0	200				
1,3-Dichlorobenzene	47.3	5.00	50.00	0	94.6	85.8	125				
1,3-Dichloropropane	48.7	5.00	50.00	0	97.3	0	200				
1,4-Dichlorobenzene	46.0	5.00	50.00	0	91.9	84.5	124				
1-Chlorobutane	44.9	5.00	50.00	0	89.9	0	200				
2,2-Dichloropropane	49.0	5.00	50.00	0	98.0	0	200				
2-Butanone	124	50.0	125.0	0	98.9	45.3	136				
2-Chlorotoluene	43.9	5.00	50.00	0	87.8	0	200				
2-Hexanone	133	50.0	125.0	0	106.1	0	200				
2-Nitropropane	50.9	50.0	50.00	0	101.8	0	200				
4-Chlorotoluene	43.7	5.00	50.00	0	87.4	0	200				
4-Methyl-2-pentanone	131	50.0	125.0	0	104.4	0	200				
Acetone	123	50.0	125.0	0	98.5	0	200				
Acrylonitrile	50.8	10.0	50.00	0	101.6	0	200				
Allyl chloride	47.4	5.00	50.00	0	94.9	0	200				
Benzene	49.8	1.00	50.00	0	99.5	73.9	109				
Bromobenzene	48.0	5.00	50.00	0	96.1	0	200				
Bromochloromethane	50.1	5.00	50.00	0	100.2	0	200				
Bromodichloromethane	51.0	5.00	50.00	0	101.9	91.3	126				
Bromoform	53.2	5.00	50.00	0	106.4	0	200				
Bromomethane	55.2	10.0	50.00	0	110.4	0	200				
Carbon disulfide	47.6	5.00	50.00	0	95.2	0	200				
Carbon tetrachloride	50.3	5.00	50.00	0	100.7	83.3	127				
Chlorobenzene	48.9	5.00	50.00	0	97.9	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: 10071064

Report Date: 28-Jul-10

Sample ID: LCS-A100728-1	SampType: LCS	Units: µg/Kg				Prep Date: 7/28/2010	RunNo: 138357				
Client ID: ZZZZZZ	Batch ID: 62070	SW5035				Analysis Date: 7/28/2010	SeqNo: 2687645				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	56.5	10.0	50.00	0	113.1	0	200				
Chloroform	49.7	5.00	50.00	0	99.4	80	113				
Chloromethane	46.1	10.0	50.00	0	92.3	0	200				
cis-1,2-Dichloroethene	49.7	5.00	50.00	0	99.4	0	200				
cis-1,3-Dichloropropene	49.0	4.00	50.00	0	97.9	0	200				
Cyclohexanone	262	100	250.0	0	104.7	0	200				
Dibromochloromethane	51.3	5.00	50.00	0	102.5	89.1	119				
Dibromomethane	50.7	5.00	50.00	0	101.5	0	200				
Dichlorodifluoromethane	52.7	10.0	50.00	0	105.4	0	200				
Ethyl acetate	50.7	50.0	50.00	0	101.4	0	200				
Ethyl ether	47.9	5.00	50.00	0	95.9	0	200				
Ethyl methacrylate	49.8	5.00	50.00	0	99.6	0	200				
Ethylbenzene	48.3	5.00	50.00	0	96.6	84.1	115				
Heptane	47.8	20.0	50.00	0	95.5	0	200				
Hexachlorobutadiene	47.4	5.00	50.00	0	94.8	0	200				
Hexachloroethane	52.2	5.00	50.00	0	104.5	0	200				
Iodomethane	47.9	10.0	50.00	0	95.8	0	200				
Isopropylbenzene	49.0	5.00	50.00	0	98.0	0	200				
m,p-Xylenes	93.7	5.00	100.0	0	93.7	79.1	111				
Methacrylonitrile	50.5	50.0	50.00	0	101.0	0	200				
Methyl Methacrylate	51.4	5.00	50.00	0	102.9	0	200				
Methyl tert-butyl ether	48.7	2.00	50.00	0	97.4	80	128				
Methylacrylate	50.4	10.0	50.00	0	100.8	0	200				
Methylene chloride	53.0	5.00	50.00	0	106.0	73.9	116				
Naphthalene	40.7	10.0	50.00	0	81.3	73.1	135				
n-Butylbenzene	38.6	5.00	50.00	0	77.2	0	200				
n-Hexane	49.1	20.0	50.00	0	98.1	0	200				
Nitrobenzene	96	100	50.00	0	192.2	0	200				J
n-Propylbenzene	43.7	5.00	50.00	0	87.3	0	200				
o-Xylene	47.5	5.00	50.00	0	95.0	82	117				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCS-A100728-1</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/28/2010</b>			RunNo: <b>138357</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62070</b>		<b>SW5035</b>		Analysis Date: <b>7/28/2010</b>			SeqNo: <b>2687645</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachloroethane	53.2	5.00	50.00	0	106.5	0	200				
p-Isopropyltoluene	43.8	5.00	50.00	0	87.6	0	200				
Propionitrile	60.9	50.0	50.00	0	121.8	0	200				
sec-Butylbenzene	45.8	5.00	50.00	0	91.7	0	200				
Styrene	47.8	5.00	50.00	0	95.6	0	200				
tert-Butylbenzene	45.5	5.00	50.00	0	90.9	0	200				
Tetrachloroethene	48.1	5.00	50.00	0	96.3	74.6	115				
Tetrahydrofuran	50	50.0	50.00	0	99.2	0	200				J
Toluene	49.0	5.00	50.00	0	98.1	79.1	112				
trans-1,2-Dichloroethene	47.9	5.00	50.00	0	95.9	0	200				
trans-1,3-Dichloropropene	48.6	4.00	50.00	0	97.1	0	200				
trans-1,4-Dichloro-2-butene	45.5	10.0	50.00	0	91.0	0	200				
Trichloroethene	50.4	5.00	50.00	0	100.8	81	111				
Trichlorofluoromethane	49.5	5.00	50.00	0	99.1	0	200				
Vinyl acetate	51.5	50.0	50.00	0	103.1	0	200				
Vinyl chloride	47.8	2.00	50.00	0	95.7	0	200				
Surr: 1,2-Dichloroethane-d4	49.8		50.00		99.6	72.2	131				
Surr: 4-Bromofluorobenzene	53.1		50.00		106.1	82.1	116				
Surr: Dibromofluoromethane	50.2		50.00		100.3	77.7	120				
Surr: Toluene-d8	48.2		50.00		96.4	86	116				

Sample ID: <b>LCSD-A100728-1</b>		SampType: <b>LCSD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>7/28/2010</b>			RunNo: <b>138357</b>		
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62070</b>		<b>SW5035</b>		Analysis Date: <b>7/28/2010</b>			SeqNo: <b>2687646</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.9	5.00	50.00	0	101.7	0	200	50.90	0.0786	20	
1,1,1-Trichloroethane	50.8	5.00	50.00	0	101.5	85.8	124	50.38	0.751	20	
1,1,2,2-Tetrachloroethane	48.9	5.00	50.00	0	97.8	0	200	49.56	1.32	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	49.7	5.00	50.00	0	99.4	0	200	49.42	0.565	20	
1,1,2-Trichloroethane	49.1	5.00	50.00	0	98.2	0	200	49.66	1.15	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCS-D-A100728-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/28/2010</b>			RunNo: <b>138357</b>		
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62070</b>	<b>SW5035</b>				Analysis Date: <b>7/28/2010</b>			SeqNo: <b>2687646</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloro-2-propanone	142	50.0	125.0	0	113.5	0	200	140.7	0.807	20	
1,1-Dichloroethane	49.5	5.00	50.00	0	99.0	0	200	49.21	0.608	20	
1,1-Dichloroethene	49.0	5.00	50.00	0	98.1	60.1	131	48.48	1.13	20	
1,1-Dichloropropene	48.6	5.00	50.00	0	97.3	0	200	48.12	1.05	20	
1,2,3-Trichlorobenzene	35.3	5.00	50.00	0	70.6	0	200	42.91	19.5	20	
1,2,3-Trichloropropane	49.8	10.0	50.00	0	99.6	0	200	50.37	1.18	20	
1,2,3-Trimethylbenzene	40.3	5.00	50.00	0	80.5	0	200	43.32	7.30	20	
1,2,4-Trichlorobenzene	33.0	5.00	50.00	0	66.1	0	200	39.98	19.0	20	
1,2,4-Trimethylbenzene	41.1	5.00	50.00	0	82.2	0	200	43.60	5.95	20	
1,2-Dibromo-3-chloropropane	52.7	5.00	50.00	0	105.4	0	200	56.29	6.63	20	
1,2-Dibromoethane	49.7	5.00	50.00	0	99.5	86.9	119	50.63	1.79	20	
1,2-Dichlorobenzene	49.7	5.00	50.00	0	99.4	88	119	49.29	0.828	20	
1,2-Dichloroethane	50.1	5.00	50.00	0	100.2	73	117	49.82	0.560	20	
1,2-Dichloropropane	50.2	5.00	50.00	0	100.5	0	200	49.69	1.12	20	
1,3,5-Trimethylbenzene	43.5	5.00	50.00	0	87.0	0	200	43.63	0.344	20	
1,3-Dichlorobenzene	47.1	5.00	50.00	0	94.1	85.8	125	47.30	0.487	20	
1,3-Dichloropropane	48.2	5.00	50.00	0	96.3	0	200	48.66	1.05	20	
1,4-Dichlorobenzene	46.0	5.00	50.00	0	92.0	84.5	124	45.97	0.0218	20	
1-Chlorobutane	45.9	5.00	50.00	0	91.8	0	200	44.94	2.14	20	
2,2-Dichloropropane	49.3	5.00	50.00	0	98.6	0	200	48.99	0.590	20	
2-Butanone	110	50.0	125.0	0	87.9	45.3	136	123.6	11.7	20	
2-Chlorotoluene	44.1	5.00	50.00	0	88.2	0	200	43.89	0.477	20	
2-Hexanone	119	50.0	125.0	0	94.8	0	200	132.7	11.3	20	
2-Nitropropane	45	50.0	50.00	0	90.4	0	200	50.89	0	20	J
4-Chlorotoluene	44.0	5.00	50.00	0	88.0	0	200	43.68	0.775	20	
4-Methyl-2-pentanone	119	50.0	125.0	0	95.3	0	200	130.5	9.16	20	
Acetone	103	50.0	125.0	0	82.4	0	200	123.1	17.8	20	
Acrylonitrile	48.3	10.0	50.00	0	96.5	0	200	50.80	5.13	20	
Allyl chloride	48.1	5.00	50.00	0	96.2	0	200	47.43	1.44	20	
Benzene	49.8	1.00	50.00	0	99.7	73.9	109	49.77	0.120	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCSD-A100728-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138357</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62070</b>	<b>SW5035</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687646</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	48.2	5.00	50.00	0	96.3	0	200	48.05	0.208	20	
Bromochloromethane	51.2	5.00	50.00	0	102.5	0	200	50.10	2.23	20	
Bromodichloromethane	51.3	5.00	50.00	0	102.5	91.3	126	50.95	0.607	20	
Bromoform	52.0	5.00	50.00	0	103.9	0	200	53.20	2.38	20	
Bromomethane	54.8	10.0	50.00	0	109.7	0	200	55.22	0.672	20	
Carbon disulfide	48.3	5.00	50.00	0	96.6	0	200	47.60	1.46	20	
Carbon tetrachloride	50.8	5.00	50.00	0	101.7	83.3	127	50.33	1.01	20	
Chlorobenzene	49.5	5.00	50.00	0	99.1	85.8	116	48.93	1.22	20	
Chloroethane	56.8	10.0	50.00	0	113.6	0	200	56.53	0.441	20	
Chloroform	50.5	5.00	50.00	0	101.1	80	113	49.71	1.64	20	
Chloromethane	45.8	10.0	50.00	0	91.6	0	200	46.14	0.718	20	
cis-1,2-Dichloroethene	50.3	5.00	50.00	0	100.6	0	200	49.70	1.18	20	
cis-1,3-Dichloropropene	49.2	4.00	50.00	0	98.4	0	200	48.95	0.469	20	
Cyclohexanone	232	100	250.0	0	92.9	0	200	261.7	11.9	20	
Dibromochloromethane	51.0	5.00	50.00	0	101.9	89.1	119	51.26	0.587	20	
Dibromomethane	50.6	5.00	50.00	0	101.1	0	200	50.74	0.375	20	
Dichlorodifluoromethane	52.8	10.0	50.00	0	105.6	0	200	52.68	0.265	20	
Ethyl acetate	47	50.0	50.00	0	94.4	0	200	50.69	0	20	J
Ethyl ether	48.1	5.00	50.00	0	96.1	0	200	47.94	0.250	20	
Ethyl methacrylate	47.4	5.00	50.00	0	94.8	0	200	49.81	4.94	20	
Ethylbenzene	47.8	5.00	50.00	0	95.6	84.1	115	48.31	1.04	20	
Heptane	49.2	20.0	50.00	0	98.5	0	200	47.75	3.07	20	
Hexachlorobutadiene	47.3	5.00	50.00	0	94.6	0	200	47.39	0.148	20	
Hexachloroethane	52.9	5.00	50.00	0	105.8	0	200	52.24	1.24	20	
Iodomethane	47.0	10.0	50.00	0	94.0	0	200	47.88	1.83	20	
Isopropylbenzene	48.8	5.00	50.00	0	97.5	0	200	48.98	0.450	20	
m,p-Xylenes	92.8	5.00	100.0	0	92.8	79.1	111	93.73	0.954	20	
Methacrylonitrile	49	50.0	50.00	0	97.4	0	200	50.50	0	20	J
Methyl Methacrylate	48.6	5.00	50.00	0	97.1	0	200	51.45	5.80	20	
Methyl tert-butyl ether	48.8	2.00	50.00	0	97.6	80	128	48.69	0.246	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCSD-A100728-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>				Prep Date: <b>7/28/2010</b>	RunNo: <b>138357</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62070</b>	<b>SW5035</b>				Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687646</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylacrylate	48.3	10.0	50.00	0	96.6	0	200	50.41	4.28	20	
Methylene chloride	52.8	5.00	50.00	0	105.7	73.9	116	53.00	0.283	20	
Naphthalene	32.5	10.0	50.00	0	65.0	73.1	135	40.67	22.3	20	SR
n-Butylbenzene	33.8	5.00	50.00	0	67.7	0	200	38.59	13.1	20	
n-Hexane	49.5	20.0	50.00	0	99.0	0	200	49.07	0.872	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	96.11	0	20	
n-Propylbenzene	43.9	5.00	50.00	0	87.8	0	200	43.66	0.571	20	
o-Xylene	47.5	5.00	50.00	0	95.0	82	117	47.51	0.0632	20	
Pentachloroethane	54.7	5.00	50.00	0	109.4	0	200	53.23	2.69	20	
p-Isopropyltoluene	42.2	5.00	50.00	0	84.5	0	200	43.82	3.67	20	
Propionitrile	46	50.0	50.00	0	92.3	0	200	60.91	0	20	J
sec-Butylbenzene	45.8	5.00	50.00	0	91.6	0	200	45.83	0.0436	20	
Styrene	47.4	5.00	50.00	0	94.7	0	200	47.81	0.946	20	
tert-Butylbenzene	45.7	5.00	50.00	0	91.4	0	200	45.46	0.548	20	
Tetrachloroethene	47.4	5.00	50.00	0	94.9	74.6	115	48.14	1.49	20	
Tetrahydrofuran	46	50.0	50.00	0	92.9	0	200	49.62	0	20	J
Toluene	48.3	5.00	50.00	0	96.6	79.1	112	49.03	1.50	20	
trans-1,2-Dichloroethene	48.3	5.00	50.00	0	96.6	0	200	47.94	0.748	20	
trans-1,3-Dichloropropene	48.5	4.00	50.00	0	97.0	0	200	48.57	0.185	20	
trans-1,4-Dichloro-2-butene	44.7	10.0	50.00	0	89.4	0	200	45.50	1.73	20	
Trichloroethene	51.0	5.00	50.00	0	102.0	81	111	50.41	1.18	20	
Trichlorofluoromethane	50.1	5.00	50.00	0	100.2	0	200	49.54	1.12	20	
Vinyl acetate	50.6	50.0	50.00	0	101.2	0	200	51.54	1.86	20	
Vinyl chloride	48.3	2.00	50.00	0	96.6	0	200	47.84	0.936	20	
Surr: 1,2-Dichloroethane-d4	49.4		50.00		98.7	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	52.5		50.00		105.0	82.1	116		0	20	
Surr: Dibromofluoromethane	50.8		50.00		101.5	77.7	120		0	20	
Surr: Toluene-d8	48.4		50.00		96.8	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: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCSG-A100728-1</b>	SampType: <b>LCSG</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138357</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62070</b>	<b>SW5035</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687648</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline Range Organics (OA-1)	1760	1000	2000	0	87.8	70	130				
Surr: 1,2-Dichloroethane-d4	49.3		50.00		98.7	61	128				
Surr: 4-Bromofluorobenzene	50.3		50.00		100.7	78.2	117				
Surr: Dibromofluoromethane	48.9		50.00		97.8	66.6	130				
Surr: Toluene-d8	48.0		50.00		96.0	80.1	122				

Sample ID: <b>LCSGD-A100728-1</b>	SampType: <b>LCSGD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138357</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62070</b>	<b>SW5035</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687649</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline Range Organics (OA-1)	1730	1000	2000	0	86.5	70	130	1756	1.56	20	
Surr: 1,2-Dichloroethane-d4	49.5		50.00		99.0	61	128		0	0	
Surr: 4-Bromofluorobenzene	49.4		50.00		98.8	78.2	117		0	0	
Surr: Dibromofluoromethane	49.1		50.00		98.1	66.6	130		0	0	
Surr: Toluene-d8	47.7		50.00		95.3	80.1	122		0	0	

Sample ID: <b>MBLK-A100728-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138357</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62070</b>	<b>SW5035</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687650</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: 10071064

Report Date: 28-Jul-10

Sample ID: <b>MBLK-A100728-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138357</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62070</b>	<b>SW5035</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687650</b>							
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: 10071064

Report Date: 28-Jul-10

Sample ID: <b>MBLK-A100728-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138357</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62070</b>	<b>SW5035</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687650</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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: 10071064

Report Date: 28-Jul-10

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	50.0		50.00		100	72.2	131				
Surr: 4-Bromofluorobenzene	49.5		50.00		99.0	82.1	116				
Surr: Dibromofluoromethane	51.0		50.00		101.9	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

Test Number: SW8270C

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: MB-62036	SampType: MBLK	Units: mg/Kg	Prep Date: 7/27/2010	RunNo: 138347							
Client ID: ZZZZZZ	Batch ID: 62036	SW3550B	Analysis Date: 7/28/2010	SeqNo: 2687522							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: MB-62036	SampType: MBLK	Units: mg/Kg	Prep Date: 7/27/2010	RunNo: 138347							
Client ID: ZZZZZZ	Batch ID: 62036	SW3550B	Analysis Date: 7/28/2010	SeqNo: 2687522							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>MB-62036</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138347</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62036</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687522</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.50		1.670		90.1	52.1	113				
Surr: 2-Fluorobiphenyl	0.687		0.8350		82.2	46.3	106				
Surr: 2-Fluorophenol	1.22		1.670		73.2	50.6	89				
Surr: Nitrobenzene-d5	0.690		0.8350		82.7	42.4	99.2				
Surr: Phenol-d5	1.35		1.670		80.6	55.9	98.5				
Surr: p-Terphenyl-d14	0.752		0.8350		90.1	45.5	115				

Sample ID: <b>LCS-62036</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138347</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62036</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687522</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.38	0.500	1.670	0	82.8	43.9	92.2				
1,4-Dichlorobenzene	1.25	0.500	1.670	0	74.9	43.8	84.1				
2,4,5-Trichlorophenol	3.15	0.350	3.330	0	94.5	38.6	123				
2,4,6-Trichlorophenol	3.03	0.350	3.330	0	91.0	35.9	123				
2,4-Dimethylphenol	2.70	0.500	3.330	0	81.0	38.3	88				
2,4-Dinitrophenol	3.19	1.00	3.330	0	95.7	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: 10071064

Report Date: 28-Jul-10

Sample ID: LCS-62036	SampType: LCS	Units: mg/Kg	Prep Date: 7/27/2010	RunNo: 138347							
Client ID: ZZZZZZ	Batch ID: 62036	SW3550B	Analysis Date: 7/28/2010	SeqNo: 2687523							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.36	0.350	1.670	0	81.4	48.6	102				
2-Chlorophenol	2.40	0.500	3.330	0	72.0	46.6	84				
4-Chloro-3-methylphenol	2.90	0.500	3.330	0	87.0	51.5	94.9				
4-Nitrophenol	3.37	0.350	3.330	0	101.2	53.2	104				
Acenaphthene	1.37	0.350	1.670	0	81.8	50.8	113				
Acenaphthylene	1.39	0.350	1.670	0	83.2	52.8	121				
Anthracene	1.34	0.350	1.670	0	80.3	53.3	115				
Benzo(a)anthracene	1.27	0.350	1.670	0	75.9	62.3	110				
Benzo(a)pyrene	1.36	0.350	1.670	0	81.2	58.2	109				
Benzo(b)fluoranthene	1.39	0.350	1.670	0	83.3	51.8	107				
Benzo(g,h,i)perylene	1.21	0.350	1.670	0	72.5	49.6	121				
Benzo(k)fluoranthene	1.54	0.350	1.670	0	92.2	63.1	129				
Bis(2-ethylhexyl)phthalate	1.50	0.350	1.670	0	90.1	56.3	109				
Chrysene	1.35	0.350	1.670	0	80.6	58.4	115				
Dibenzo(a,h)anthracene	1.28	0.350	1.670	0	76.7	54.9	120				
Diethyl phthalate	2.65	0.500	3.330	0	79.5	51.7	106				
Dimethyl phthalate	2.64	0.350	3.330	0	79.3	58.8	104				
Di-n-butyl phthalate	1.51	0.350	1.670	0	90.6	54.3	105				
Fluoranthene	1.44	0.350	1.670	0	86.4	61.6	113				
Fluorene	1.38	0.350	1.670	0	82.7	52.2	116				
Hexachlorobenzene	3.07	0.350	3.330	0	92.1	55.9	106				
Hexachlorobutadiene	2.60	0.500	3.330	0	78.1	35.7	100				
Hexachloroethane	2.34	0.500	3.330	0	70.4	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.29	0.350	1.670	0	77.2	52.7	115				
m,p-Cresol	1.42	0.500	1.670	0	85.0	37.6	93.7				
Naphthalene	1.32	0.350	1.670	0	79.1	45.7	101				
Nitrobenzene	2.41	0.500	3.330	0	72.2	51.8	104				
N-Nitroso-di-n-propylamine	1.41	0.500	1.670	0	84.3	49.1	94.5				
o-Cresol	1.51	0.500	1.670	0	90.1	43	101				
Pentachlorophenol	3.21	2.00	3.330	0	96.5	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: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCS-62036</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/27/2010</b>		RunNo: <b>138347</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62036</b>		<b>SW3550B</b>		Analysis Date: <b>7/28/2010</b>		SeqNo: <b>2687523</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.44	0.350	1.670	0	86.4	52.9	113				
Phenol	2.66	0.350	3.330	0	79.9	41.6	81.3				
Pyrene	1.38	0.500	1.670	0	82.7	60.7	115				
Pyridine	1.63	0.500	3.330	0	48.8	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.44		1.670		86.5	52.1	113				
Surr: 2-Fluorobiphenyl	0.646		0.8350		77.4	46.3	106				
Surr: 2-Fluorophenol	1.11		1.670		66.3	50.6	89				
Surr: Nitrobenzene-d5	0.534		0.8350		64.0	42.4	99.2				
Surr: Phenol-d5	1.25		1.670		74.6	55.9	98.5				
Surr: p-Terphenyl-d14	0.706		0.8350		84.6	45.5	115				

Sample ID: <b>10071064-002AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/28/2010</b>		RunNo: <b>138347</b>			
Client ID: <b>P5-D4-F(25)MS</b>		Batch ID: <b>62036</b>		<b>SW3550B</b>		Analysis Date: <b>7/28/2010</b>		SeqNo: <b>2687526</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.49	0.585	1.954	0	76.3	35.9	102				
1,4-Dichlorobenzene	1.34	0.585	1.954	0	68.3	29.8	95.5				
2,4,5-Trichlorophenol	2.81	0.409	3.896	0	72.2	38.6	123				
2,4,6-Trichlorophenol	2.89	0.409	3.896	0	74.1	35.9	123				
2,4-Dimethylphenol	2.83	0.585	3.896	0	72.8	38.3	88				
2,4-Dinitrophenol	1.62	1.17	3.896	0	41.7	1.88	162				
2,4-Dinitrotoluene	1.39	0.409	1.954	0	71.2	37.5	107				
2-Chlorophenol	2.43	0.585	3.896	0	62.4	22.6	108				
4-Chloro-3-methylphenol	2.85	0.585	3.896	0	73.1	19.3	131				
4-Nitrophenol	2.84	0.409	3.896	0	72.8	27.6	123				
Di-n-butyl phthalate	1.49	0.409	1.954	0	76.2	54.3	105				
Surr: 2,4,6-Tribromophenol	1.25		1.954		64.1	32.7	130				
Surr: 2-Fluorobiphenyl	0.544		0.9768		55.7	34.1	116				
Surr: 2-Fluorophenol	1.19		1.954		60.9	30.5	99				
Surr: Nitrobenzene-d5	0.607		0.9768		62.1	34.1	101				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>10071064-002AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138347</b>							
Client ID: <b>P5-D4-F(25)MS</b>	Batch ID: <b>62036</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687526</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: p-Terphenyl-d14                      0.708                      0.9768                      72.4                      41.7                      124

Sample ID: <b>10071064-002AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138347</b>							
Client ID: <b>P5-D4-F(25)MSD</b>	Batch ID: <b>62036</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687527</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2,4-Trichlorobenzene	1.40	0.585	1.954	0	71.7	35.9	102	1.491	6.21	40	
1,4-Dichlorobenzene	1.16	0.585	1.954	0	59.2	29.8	95.5	1.335	14.4	40	
2,4,5-Trichlorophenol	2.59	0.410	3.897	0	66.3	38.6	123	2.814	8.46	40	
2,4,6-Trichlorophenol	2.61	0.410	3.897	0	67.0	35.9	123	2.886	10.0	40	
2,4-Dimethylphenol	2.59	0.585	3.897	0	66.5	38.3	88	2.834	8.99	40	
2,4-Dinitrophenol	1.52	1.17	3.897	0	39.0	1.88	162	1.623	6.49	40	
2,4-Dinitrotoluene	1.35	0.410	1.954	0	68.9	37.5	107	1.391	3.23	40	
2-Chlorophenol	2.15	0.585	3.897	0	55.1	22.6	108	2.429	12.3	40	
4-Chloro-3-methylphenol	2.62	0.585	3.897	0	67.3	19.3	131	2.849	8.21	40	
4-Nitrophenol	2.56	0.410	3.897	0	65.8	27.6	123	2.835	10.0	40	
Diethyl phthalate	2.60	0.585	3.897	0	66.7	51.7	106	2.675	2.95	40	
Dimethyl phthalate	2.59	0.410	3.897	0	66.5	58.8	104	2.697	4.03	40	
Di-n-butyl phthalate	1.47	0.410	1.954	0	75.4	54.3	105	1.489	1.04	40	
Hexachlorobenzene	3.16	0.410	3.897	0	81.2	55.9	106	2.876	9.49	40	
Hexachlorobutadiene	2.61	0.585	3.897	0	67.0	35.7	100	2.653	1.54	40	
Hexachloroethane	2.16	0.585	3.897	0	55.5	38.9	89.9	2.358	8.67	40	
m,p-Cresol	1.22	0.585	1.954	0	62.2	37.6	93.7	1.355	10.8	40	
Nitrobenzene	2.35	0.585	3.897	0	60.2	51.8	104	2.498	6.28	40	
N-Nitroso-di-n-propylamine	1.29	0.585	1.954	0	65.9	45.5	99.1	1.379	6.90	40	
o-Cresol	1.31	0.585	1.954	0	67.1	43	101	1.423	8.16	40	
Pentachlorophenol	2.0	2.34	3.897	0	51.4	18.5	113	2.162	0	40	J
Phenol	2.31	0.410	3.897	0	59.3	20.8	110	2.635	13.1	40	
Pyridine	1.78	0.585	3.897	0	45.8	3.61	74.3	1.965	9.66	40	
Surr: 2,4,6-Tribromophenol	1.06		1.954		54.2	32.7	130		0	40	

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>10071064-002AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138347</b>
Client ID: <b>P5-D4-F(25)MSD</b>	Batch ID: <b>62036</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687527</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.457		0.9772		46.8	34.1	116		0	40	
Surr: 2-Fluorophenol	1.08		1.954		55.3	30.5	99		0	40	
Surr: Nitrobenzene-d5	0.513		0.9772		52.5	34.1	101		0	40	
Surr: p-Terphenyl-d14	0.658		0.9772		67.3	41.7	124		0	40	

Sample ID: <b>MB-62041</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138359</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62041</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687818</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	0.012	0.034									J
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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>MB-62041</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138359</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62041</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687818</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.571		0.8330		68.5	17.5	123				
Surr: 2-Fluorophenol	1.03		1.670		61.7	23	117				
Surr: Nitrobenzene-d5	0.520		0.8330		62.4	35	105				
Surr: Phenol-d5	1.08		1.670		64.8	33.2	125				
Surr: p-Terphenyl-d14	0.637		0.8330		76.5	53.6	122				

Sample ID: <b>LCS-62041</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138359</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62041</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687819</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.107	0.003	0.1670	0	64.3	56.3	115				
Acenaphthylene	0.109	0.003	0.1670	0	65.3	60.3	143				
Anthracene	0.097	0.003	0.1670	0	57.9	52.1	109				
Benzo(a)anthracene	0.099	0.003	0.1670	0	59.1	52.8	112				
Benzo(a)pyrene	0.097	0.003	0.1670	0	57.9	40.8	127				
Benzo(b)fluoranthene	0.112	0.003	0.1670	0	67.4	50.1	150				
Benzo(g,h,i)perylene	0.113	0.003	0.1670	0	67.8	52.8	145				
Benzo(k)fluoranthene	0.111	0.003	0.1670	0	66.6	52	153				
Bis(2-ethylhexyl)phthalate	0.113	0.067	0.1670	0	67.7	50	150				
Chrysene	0.112	0.003	0.1670	0	67.2	60.8	128				
Dibenzo(a,h)anthracene	0.113	0.003	0.1670	0	67.6	54.9	150				
Diethyl phthalate	0.111	0.034	0.1670	0	66.3	50	150				
Dimethyl phthalate	0.133	0.034	0.1670	0	79.7	50	150				
Di-n-butyl phthalate	0.107	0.034	0.1670	0	64.2	50	150				
Fluoranthene	0.110	0.003	0.1670	0	66.1	58.7	125				
Fluorene	0.108	0.003	0.1670	0	64.9	57.8	125				
Indeno(1,2,3-cd)pyrene	0.113	0.003	0.1670	0	67.7	52	147				
m,p-Cresol	0.096	0.010	0.1670	0	57.4	50	150				
Naphthalene	0.105	0.003	0.1670	0	63.1	54.8	113				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCS-62041</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138359</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62041</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687819</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Cresol	0.100	0.003	0.1670	0	60.0	50	150				
Phenanthrene	0.107	0.003	0.1670	0	64.0	60.4	121				
Pyrene	0.112	0.003	0.1670	0	66.8	57.9	129				
Surr: 2-Fluorobiphenyl	0.582		0.8330		69.9	35.3	113				
Surr: 2-Fluorophenol	1.06		1.670		63.2	13.6	123				
Surr: Nitrobenzene-d5	0.554		0.8330		66.5	33.9	108				
Surr: Phenol-d5	1.10		1.670		66.0	33.7	129				
Surr: p-Terphenyl-d14	0.639		0.8330		76.7	58.4	122				

Sample ID: <b>10071064-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>7/28/2010</b>	RunNo: <b>138359</b>
Client ID: <b>P5-D2-F(25)MS</b>	Batch ID: <b>62041</b>	<b>SW3550B</b>	Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687822</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.122	0.004	0.1861	0.01006	60.1	36	135				
Acenaphthylene	0.152	0.004	0.1861	0.02294	69.6	17.2	167				
Anthracene	0.147	0.004	0.1861	0.01786	69.2	39.3	124				
Benzo(a)anthracene	0.131	0.004	0.1861	0.01612	61.7	10	183				
Benzo(a)pyrene	0.139	0.004	0.1861	0.01467	66.9	10	204				
Benzo(b)fluoranthene	0.140	0.004	0.1861	0.01408	67.7	10.6	178				
Benzo(g,h,i)perylene	0.132	0.004	0.1861	0.009583	65.9	10	168				
Benzo(k)fluoranthene	0.128	0.004	0.1861	0.004283	66.6	27.6	181				
Bis(2-ethylhexyl)phthalate	0.136	0.075	0.1861	0	73.1	50	150				
Chrysene	0.141	0.004	0.1861	0.01630	67.2	10	176				
Dibenzo(a,h)anthracene	0.126	0.004	0.1861	0	67.8	12.2	156				
Fluoranthene	0.162	0.004	0.1861	0.03884	66.0	10	227				
Fluorene	0.139	0.004	0.1861	0.01692	65.9	35.2	148				
Indeno(1,2,3-cd)pyrene	0.134	0.004	0.1861	0.006207	68.9	10	164				
Naphthalene	0.278	0.004	0.1861	0.1304	79.2	14.7	128				
Phenanthrene	0.205	0.004	0.1861	0.06875	73.3	32.8	143				
Pyrene	0.179	0.004	0.1861	0.04269	73.2	10	180				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>10071064-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/28/2010</b>		RunNo: <b>138359</b>			
Client ID: <b>P5-D2-F(25)MS</b>		Batch ID: <b>62041</b>		<b>SW3550B</b>		Analysis Date: <b>7/28/2010</b>		SeqNo: <b>2687822</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.517		0.9280		55.7	10	131				
Surr: Nitrobenzene-d5	0.517		0.9280		55.7	10	132				
Surr: p-Terphenyl-d14	0.690		0.9280		74.4	30.6	131				

Sample ID: <b>10071064-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>7/28/2010</b>		RunNo: <b>138359</b>			
Client ID: <b>P5-D2-F(25)MSD</b>		Batch ID: <b>62041</b>		<b>SW3550B</b>		Analysis Date: <b>7/28/2010</b>		SeqNo: <b>2687823</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.127	0.004	0.1861	0.01006	63.1	36	135	0.1219	4.41	49.7	
Acenaphthylene	0.149	0.004	0.1861	0.02294	67.5	17.2	167	0.1524	2.62	33.3	
Anthracene	0.139	0.004	0.1861	0.01786	65.4	39.3	124	0.1466	4.98	51.1	
Benzo(a)anthracene	0.123	0.004	0.1861	0.01612	57.5	10	183	0.1309	6.17	40.6	
Benzo(a)pyrene	0.135	0.004	0.1861	0.01467	64.6	10	204	0.1391	3.12	56.4	
Benzo(b)fluoranthene	0.133	0.004	0.1861	0.01408	64.0	10.6	178	0.1401	5.08	49.7	
Benzo(g,h,i)perylene	0.130	0.004	0.1861	0.009583	64.6	10	168	0.1322	1.87	36.5	
Benzo(k)fluoranthene	0.121	0.004	0.1861	0.004283	62.6	27.6	181	0.1282	5.94	42.6	
Bis(2-ethylhexyl)phthalate	0.127	0.075	0.1861	0	68.3	50	150	0.1361	6.83	60.3	
Chrysene	0.135	0.004	0.1861	0.01630	63.8	10	176	0.1413	4.54	45.1	
Dibenzo(a,h)anthracene	0.125	0.004	0.1861	0	67.0	12.2	156	0.1262	1.24	39.9	
Fluoranthene	0.164	0.004	0.1861	0.03884	67.4	10	227	0.1616	1.66	66.2	
Fluorene	0.150	0.004	0.1861	0.01692	71.3	35.2	148	0.1395	7.04	65.6	
Indeno(1,2,3-cd)pyrene	0.129	0.004	0.1861	0.006207	65.9	10	164	0.1343	4.23	36.5	
Naphthalene	0.274	0.004	0.1861	0.1304	77.0	14.7	128	0.2777	1.51	39.6	
Phenanthrene	0.209	0.004	0.1861	0.06875	75.6	32.8	143	0.2052	2.01	35.4	
Pyrene	0.182	0.004	0.1861	0.04269	75.0	10	180	0.1790	1.77	60.1	
Surr: 2-Fluorobiphenyl	0.513		0.9280		55.3	10	131		0	40	
Surr: Nitrobenzene-d5	0.498		0.9280		53.7	10	132		0	40	
Surr: p-Terphenyl-d14	0.667		0.9280		71.9	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: 10071064

Report Date: 28-Jul-10

Sample ID: <b>MB-62036</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138312</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62036</b>	<b>SW3550B</b>	Analysis Date: <b>7/27/2010</b>	SeqNo: <b>2686687</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	0.652		0.8350		78.1	46.3	106				
Surr: Nitrobenzene-d5	0.627		0.8350		75.0	42.4	99.2				
Surr: p-Terphenyl-d14	0.799		0.8350		95.6	45.5	115				

Sample ID: <b>LCS-62036</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>7/27/2010</b>	RunNo: <b>138312</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62036</b>	<b>SW3550B</b>	Analysis Date: <b>7/27/2010</b>	SeqNo: <b>2686688</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.30	0.0340	1.670	0	78.1	50.8	113				
Acenaphthylene	1.35	0.0340	1.670	0	81.0	52.8	121				
Anthracene	1.23	0.0340	1.670	0	73.8	53.3	115				
Benzo(a)anthracene	1.24	0.0340	1.670	0	74.4	62.3	110				
Benzo(a)pyrene	1.31	0.0340	1.670	0	78.3	58.2	109				
Benzo(b)fluoranthene	1.29	0.0340	1.670	0	77.2	51.8	107				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10071064

Report Date: 28-Jul-10

Sample ID: <b>LCS-62036</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>7/27/2010</b>		RunNo: <b>138312</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62036</b>		<b>SW3550B</b>		Analysis Date: <b>7/27/2010</b>		SeqNo: <b>2686688</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	1.40	0.0340	1.670	0	83.6	49.6	121				
Benzo(k)fluoranthene	1.31	0.0340	1.670	0	78.2	63.1	129				
Chrysene	1.29	0.0340	1.670	0	77.3	58.4	115				
Dibenzo(a,h)anthracene	1.51	0.0340	1.670	0	90.3	54.9	120				
Fluoranthene	1.50	0.0340	1.670	0	89.7	61.6	113				
Fluorene	1.34	0.0340	1.670	0	80.3	52.2	116				
Indeno(1,2,3-cd)pyrene	1.51	0.0340	1.670	0	90.4	52.7	115				
Naphthalene	1.24	0.0340	1.670	0	74.4	45.7	101				
Phenanthrene	1.36	0.0340	1.670	0	81.2	52.9	113				
Pyrene	1.45	0.0340	1.670	0	86.7	60.7	115				
Surr: 2-Fluorobiphenyl	0.627		0.8350		75.0	46.3	106				
Surr: Nitrobenzene-d5	0.606		0.8350		72.6	42.4	99.2				
Surr: p-Terphenyl-d14	0.743		0.8350		89.0	45.5	115				

Sample ID: <b>LCS-DRO-62036</b>		SampType: <b>LCS</b>		Units: <b>%REC</b>		Prep Date: <b>7/27/2010</b>		RunNo: <b>138312</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62036</b>		<b>SW3550B</b>		Analysis Date: <b>7/27/2010</b>		SeqNo: <b>2686689</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.621		0.8350		74.3	46.3	106				
Surr: Nitrobenzene-d5	0.611		0.8350		73.1	42.4	99.2				
Surr: p-Terphenyl-d14	0.769		0.8350		92.1	45.5	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: 10071064

Report Date: 28-Jul-10

Sample ID: <b>10071064-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>138368</b>				
Client ID: <b>P5-D2-F(25)MS</b>	Batch ID: <b>R138368</b>					Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687980</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.07	0.01	0.05565	0	121.0	75	125				
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Sample ID: <b>10071064-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>138368</b>				
Client ID: <b>P5-D2-F(25)MSD</b>	Batch ID: <b>R138368</b>					Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2687981</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.06	0.01	0.05565	0	108.9	75	125	0.06735	10.5	15	
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Sample ID: <b>MB-R138368</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>138368</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R138368</b>					Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2688006</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-R138368</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>138368</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R138368</b>					Analysis Date: <b>7/28/2010</b>	SeqNo: <b>2688007</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	96.0	85	115				
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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:** 10071064

**Report Date:** 28-Jul-10

Carrier: Sean Spinner

Received By: MLD

Completed by:

*Marvin L. Darling II*

Reviewed by:

*Elizabeth A. Hurley*

On:

27-Jul-10

Marvin L. Darling

On:

28-Jul-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 2.8
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

10071064

Project Name: Amenon Champaign Project Mgr.: P. Szama

Project Number: GA-0908 - DIAO Cost Code: J0002

Sampler(s): J. Crompton

Laboratory Name: Teklab

Location: Collinsville

Sample Number and (depth)	Date	Time
<u>PS-D2-F(25)</u>	<u>7/27/10</u>	<u>0825</u>
<u>PS-D4-F(25)</u>	<u>7/27/10</u>	<u>0840</u>

Total Number of Containers	Matrix				
	Soil	Water	Air	Wipes	Other *
<u>6</u>	<u>X</u>				
<u>6</u>	<u>X</u>				

### Analyses by Method Name and Number

Method Name and Number	TPH 04-1	TPH 04-2	TCRA Metals	TCRA + Amenable	CHAMIDE	SVOCs 8270 SIMS	SVOCs 8270	VOCs 8260
	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>

Laboratory Temperature upon Receipt  
2.8°C ICE

Comments (Field PID)  
10071064-001  
-002

Lab ID #'s

# 1 DAY Teklab, Inc. Courier Pick Up

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

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

**Lab Directives:**

Requested TAT:  Rush  5 Days  STD  Other \_\_\_\_\_

Fax and/or Mail Results to: P. Szama and L. Howsler

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: 7-27-10 Time: 1415

**Received by:**

Signature:

Date: 7/27/10 Time: 1415

**Received by:**

Signature:

Date: 7/27/10 Time: 1720

September 02, 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:** 10081177

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 8/27/2010 3:06:00 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:** 10081177

**Report Date:** 02-Sep-10

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Lab Sample ID	Client Sample ID	Fractions	Collection Date
10081177-001	P5-GH4-F(22)	5	8/27/2010 8:05:00 AM

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10081177

**Report Date:** 02-Sep-10

**Cooler Receipt Temp:** 0.6 °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

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP

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

**WorkOrder:** 10081177

**Client Sample ID:** P5-GH4-F(22)

**Lab ID:** 10081177-001

**Collection Date:** 8/27/2010 8:05:00 AM

**Report Date:** 02-Sep-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		11.6	%	1	8/27/2010 4:30:00 PM	MK
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.4	%	1	8/27/2010 4:30:00 PM	MK
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		5.25	mg/Kg-dry	1	8/28/2010 5:16:00 PM	LAL
Barium	NELAP	0.47		19.1	mg/Kg-dry	1	8/28/2010 5:16:00 PM	LAL
Cadmium	NELAP	0.19		1.23	mg/Kg-dry	1	8/29/2010 11:23:27 AM	JMW
Chromium	NELAP	0.94		16.2	mg/Kg-dry	1	8/28/2010 5:16:00 PM	LAL
Lead	NELAP	3.77		24.3	mg/Kg-dry	1	8/29/2010 11:23:27 AM	JMW
Selenium	NELAP	3.77		< 3.77	mg/Kg-dry	1	8/28/2010 5:16:00 PM	LAL
Silver	NELAP	0.94		< 0.94	mg/Kg-dry	1	8/28/2010 5:16:00 PM	LAL
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	11.3		31.7	mg/Kg-dry	1	8/30/2010 10:08:00 AM	DMH
Kerosene	NELAP	11.3		ND	mg/Kg-dry	1	8/30/2010 10:08:00 AM	DMH
Mineral Spirits	NELAP	11.3		ND	mg/Kg-dry	1	8/30/2010 10:08:00 AM	DMH
Motor Oil	NELAP	11.3	#	21.4	mg/Kg-dry	1	8/30/2010 10:08:00 AM	DMH
Surr: n-Tetracontane		50.6-140		93.5	%REC	1	8/30/2010 10:08:00 AM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.008		0.013	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Acenaphthylene	NELAP	0.008		0.011	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Anthracene	NELAP	0.008		ND	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Benzo(a)anthracene	NELAP	0.008		0.010	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Benzo(a)pyrene	NELAP	0.008		ND	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Benzo(b)fluoranthene	NELAP	0.008	J	0.007	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Benzo(g,h,i)perylene	NELAP	0.008		0.010	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Benzo(k)fluoranthene	NELAP	0.008		ND	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Bis(2-ethylhexyl)phthalate	NELAP	0.149		ND	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Chrysene	NELAP	0.008	J	0.007	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Dibenzo(a,h)anthracene	NELAP	0.008		ND	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Fluoranthene	NELAP	0.008		0.012	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Fluorene	NELAP	0.008		0.008	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Indeno(1,2,3-cd)pyrene	NELAP	0.008		ND	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Naphthalene	NELAP	0.008		0.031	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Phenanthrene	NELAP	0.008		0.037	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Pyrene	NELAP	0.008		0.016	mg/Kg-dry	1	9/1/2010 7:37:00 PM	TV
Surr: 2-Fluorobiphenyl		10-131		71.1	%REC	1	9/1/2010 7:37:00 PM	TV
Surr: Nitrobenzene-d5		10-132		78.3	%REC	1	9/1/2010 7:37:00 PM	TV
Surr: p-Terphenyl-d14		30.6-131		89.0	%REC	1	9/1/2010 7:37:00 PM	TV

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10081177  
**Lab ID:** 10081177-001  
**Report Date:** 02-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-GH4-F(22)  
**Collection Date:** 8/27/2010 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>								
1,2,4-Trichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
1,2-Dichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
1,3-Dichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
1,4-Dichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,4-Dichlorophenol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,4-Dimethylphenol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,4-Dinitrophenol	NELAP	2.22		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2-Chloronaphthalene	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2-Chlorophenol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2-Methoxy-4-methylphenol		1.44		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2-Methylnaphthalene	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2-Nitroaniline	NELAP	2.22		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2-Nitrophenol	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
3-Nitroaniline	NELAP	2.22		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.22		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
4-Chloroaniline	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
4-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
4-Nitrophenol	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Aniline	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Azobenzene		0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Benzidine	NELAP	2.34		see note	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Benzoic acid	NELAP	3.33		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Benzyl alcohol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Carbazole		1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Dibenzofuran	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Diethyl phthalate	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10081177  
**Lab ID:** 10081177-001  
**Report Date:** 02-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-GH4-F(22)  
**Collection Date:** 8/27/2010 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>								
Dimethyl phthalate	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Hexachlorobenzene	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Hexachlorobutadiene	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Hexachloroethane	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Isophorone	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
m,p-Cresol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Nitrobenzene	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
N-Nitrosodimethylamine	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
o-Cresol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Pentachlorophenol	NELAP	4.44		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Phenol	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Pyridine	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
1,2-Diphenylhydrazine		1.86		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		67.0	%REC	1	8/30/2010 12:54:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		80.4	%REC	1	8/30/2010 12:54:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		76.5	%REC	1	8/30/2010 12:54:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		79.9	%REC	1	8/30/2010 12:54:00 PM	DMH
Surr: Phenol-d5		34.9-110		83.1	%REC	1	8/30/2010 12:54:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		90.3	%REC	1	8/30/2010 12:54:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1,1-Trichloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1,2-Trichloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1-Dichloro-2-propanone		1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1-Dichloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1-Dichloroethene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1-Dichloropropene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2,3-Trichloropropane	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2,3-Trimethylbenzene		137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE



ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10081177  
**Lab ID:** 10081177-001  
**Report Date:** 02-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-GH4-F(22)  
**Collection Date:** 8/27/2010 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>								
1,2,4-Trimethylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2-Dibromoethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2-Dichlorobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2-Dichloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2-Dichloropropane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,3-Dichlorobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,3-Dichloropropane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,4-Dichlorobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1-Chlorobutane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
2,2-Dichloropropane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
2-Butanone	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
2-Chlorotoluene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
2-Hexanone	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
2-Nitropropane	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
4-Chlorotoluene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Acetone	NELAP	1370	J	280	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Acetonitrile	NELAP	2750		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Acrolein	NELAP	2750		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Acrylonitrile	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Allyl chloride	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Benzene	NELAP	27.5		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Bromobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Bromochloromethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Bromodichloromethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Bromoform	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Bromomethane	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Carbon disulfide	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Carbon tetrachloride	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Chlorobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Chloroethane	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Chloroform	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Chloromethane	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Cyclohexanone		2750		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10081177  
**Lab ID:** 10081177-001  
**Report Date:** 02-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-GH4-F(22)  
**Collection Date:** 8/27/2010 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>								
Dibromochloromethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Dibromomethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Dichlorodifluoromethane	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Ethyl acetate	NELAP	1370	J	830	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Ethyl ether	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Ethyl methacrylate	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Ethylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Gasoline Range Organics (OA-1)		27500		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Heptane		549		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Hexachlorobutadiene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Hexachloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Iodomethane	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Isopropylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
m,p-Xylenes	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Methacrylonitrile	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Methyl Methacrylate	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Methyl tert-butyl ether	NELAP	54.9		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Methylacrylate		275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Methylene chloride	NELAP	137	J	48	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Naphthalene	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
n-Butylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
n-Hexane		549		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Nitrobenzene	NELAP	2750		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
n-Propylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
o-Xylene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Pentachloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
p-Isopropyltoluene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Propionitrile	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
sec-Butylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Styrene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
tert-Butylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Tetrachloroethene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Tetrahydrofuran	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Toluene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
trans-1,4-Dichloro-2-butene	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Trichloroethene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10081177  
**Lab ID:** 10081177-001  
**Report Date:** 02-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-GH4-F(22)  
**Collection Date:** 8/27/2010 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>								
Trichlorofluoromethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Vinyl acetate	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Vinyl chloride	NELAP	54.9		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		94.5	%REC	12.5	8/30/2010 1:17:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		99.7	%REC	12.5	8/30/2010 1:17:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		91.4	%REC	12.5	8/30/2010 1:17:00 PM	RWE
Surr: Toluene-d8		86-116		101.0	%REC	12.5	8/30/2010 1:17:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		0.013	mg/Kg-dry	1	8/29/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.560		< 0.560	mg/Kg-dry	1	8/31/2010 8:43:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.55	J	0.22	mg/Kg-dry	1	8/31/2010 8:43:00 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 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:** 10081177

**Report Date:** 02-Sep-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10081177-001A	P5-GH4-F(22)	8/27/2010	Solid	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	8/27/2010 11:47:15 PM	8/30/2010 10:08:00 AM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	8/27/2010 6:27:33 PM	9/1/2010 7:37:00 PM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	8/27/2010 8:19:29 PM	8/30/2010 12:54:00 PM
10081177-001B				EPA SW846 3550C, 5035A, ASTM D2974		8/27/2010 4:30:00 PM
				Standard Methods 18th Ed. 2540 G		8/27/2010 4:30:00 PM
				SW-846 3050B, 6010B, Metals by ICP	8/27/2010 7:53:11 PM	8/28/2010 5:16:00 PM
				SW-846 3050B, 6010B, Metals by ICP	8/27/2010 7:53:11 PM	8/29/2010 11:23:27 AM
				SW-846 7471A	8/29/2010 7:52:12 AM	8/29/2010
				SW-846 9012A		8/30/2010
				SW-846 9012A		8/31/2010 8:43:00 AM
				SW-846 9012A (Total)		8/30/2010
10081177-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		8/30/2010 1:17:00 PM
				SW-846 9012A (Total)		8/31/2010 8:43:00 AM

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

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

**Qualifiers**

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

Client: PSC Industrial Outsourcing, LP

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Lab Order: 10081177

Report Date: 02-Sep-10

## ANALYTICAL QC SUMMARY REPORT

Test Number: M2540 G

Sample ID: <b>LCS-R139571</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>139571</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139571</b>		Analysis Date: <b>8/27/2010</b>	SeqNo: <b>2719150</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>139571</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139571</b>		Analysis Date: <b>8/27/2010</b>	SeqNo: <b>2719151</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>10081177-001BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>139571</b>							
Client ID: <b>P5-GH4-F(22)DUP</b>	Batch ID: <b>R139571</b>		Analysis Date: <b>8/27/2010</b>	SeqNo: <b>2719181</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids 88.8 0.1 88.39 0.440 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW6010B

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>MB-62743</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/27/2010</b>	RunNo: <b>139530</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62743</b>	<b>SOP 3032</b>				Analysis Date: <b>8/28/2010</b>	SeqNo: <b>2718077</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-62743</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/27/2010</b>	RunNo: <b>139530</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62743</b>	<b>SOP 3032</b>				Analysis Date: <b>8/28/2010</b>	SeqNo: <b>2718078</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	52.2	4.00	50.00	0	104.4	85	115				
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Sample ID: <b>MB-62743</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/27/2010</b>	RunNo: <b>139531</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62743</b>	<b>SOP 3032</b>				Analysis Date: <b>8/29/2010</b>	SeqNo: <b>2718099</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				
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Sample ID: <b>LCS-62743</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/27/2010</b>	RunNo: <b>139531</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62743</b>	<b>SOP 3032</b>				Analysis Date: <b>8/29/2010</b>	SeqNo: <b>2718100</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cadmium	5.05	0.20	5.000	0	101.0	85	115				
Lead	53.8	4.00	50.00	0	107.6	85	115				

Sample ID: <b>10081177-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/27/2010</b>	RunNo: <b>139531</b>				
Client ID: <b>P5-GH4-F(22)MS</b>	Batch ID: <b>62743</b>	<b>SOP 3032</b>				Analysis Date: <b>8/29/2010</b>	SeqNo: <b>2718103</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cadmium	5.00	0.19	4.717	1.226	80.0	75	125				
Lead	64.3	3.77	47.17	24.30	84.9	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW6010B

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>10081177-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/27/2010</b>	RunNo: <b>139531</b>				
Client ID: <b>P5-GH4-F(22)MSD</b>	Batch ID: <b>62743</b>	SOP <b>3032</b>				Analysis Date: <b>8/29/2010</b>	SeqNo: <b>2718104</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	5.06	0.19	4.717	1.226	81.2	75	125	5.000	1.13	20	
Lead	67.6	3.77	47.17	24.30	91.8	75	125	64.34	4.98	20	

Sample ID: <b>MB-62743</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/27/2010</b>	RunNo: <b>139532</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62743</b>	SOP <b>3032</b>				Analysis Date: <b>8/28/2010</b>	SeqNo: <b>2718138</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				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Selenium	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-62743</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/27/2010</b>	RunNo: <b>139532</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62743</b>	SOP <b>3032</b>				Analysis Date: <b>8/28/2010</b>	SeqNo: <b>2718139</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	210	2.50	200.0	0	105.0	85	115				
Barium	213	0.50	200.0	0	106.4	85	115				
Chromium	22.7	1.00	20.00	0	113.6	85	115				
Selenium	223	4.00	200.0	0	111.3	85	115				
Silver	5.17	0.55	5.000	0	103.4	85	115				

Sample ID: <b>10081177-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/27/2010</b>	RunNo: <b>139532</b>				
Client ID: <b>P5-GH4-F(22)MS</b>	Batch ID: <b>62743</b>	SOP <b>3032</b>				Analysis Date: <b>8/28/2010</b>	SeqNo: <b>2718142</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	188	2.36	188.7	5.255	96.6	75	125				
Barium	183	0.47	188.7	19.13	86.8	75	125				



Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW6010B**

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>10081177-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139532</b>							
Client ID: <b>P5-GH4-F(22)MS</b>	Batch ID: <b>62743</b>	<b>SOP 3032</b>	Analysis Date: <b>8/28/2010</b>	SeqNo: <b>2718142</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	36.0	0.94	18.87	16.15	105.1	75	125				
Selenium	198	3.77	188.7	0	104.9	75	125				
Silver	4.99	0.52	4.717	0	105.8	75	125				

Sample ID: <b>10081177-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139532</b>							
Client ID: <b>P5-GH4-F(22)MSD</b>	Batch ID: <b>62743</b>	<b>SOP 3032</b>	Analysis Date: <b>8/28/2010</b>	SeqNo: <b>2718143</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	187	2.36	188.7	5.255	96.2	75	125	187.5	0.403	20	
Barium	178	0.47	188.7	19.13	84.4	75	125	182.9	2.51	20	
Chromium	36.2	0.94	18.87	16.15	106.1	75	125	35.98	0.497	20	
Selenium	189	3.77	188.7	0	100.4	75	125	197.8	4.34	20	
Silver	5.04	0.52	4.717	0	106.8	75	125	4.991	0.941	20	

Sample ID: <b>MB-62743</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139688</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62743</b>	<b>SOP 3032</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721641</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				

Sample ID: <b>LCS-62743</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139688</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62743</b>	<b>SOP 3032</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721642</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				
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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: 10081177

Report Date: 02-Sep-10

Sample ID: <b>LCS-62743</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/27/2010</b>	RunNo: <b>139688</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62743</b>	<b>SOP 3032</b>				Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721642</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Barium	190	0.50	200.0	0	94.8	85	115				
Cadmium	4.78	0.20	5.000	0	95.6	85	115				
Chromium	20.8	1.00	20.00	0	104.2	85	115				
Lead	48.9	4.00	50.00	0	97.8	85	115				

Sample ID: <b>MB-62743</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/27/2010</b>	RunNo: <b>139709</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62743</b>	<b>SOP 3032</b>				Analysis Date: <b>9/2/2010</b>	SeqNo: <b>2722189</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	0.65	1.00	1.000	0	65.0	-100	100				J
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-62743</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/27/2010</b>	RunNo: <b>139709</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62743</b>	<b>SOP 3032</b>				Analysis Date: <b>9/2/2010</b>	SeqNo: <b>2722190</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	20.0	1.00	20.00	0	100.2	85	115				
Silver	5.35	0.55	5.000	0	107.0	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW7471 A

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>MB-62751</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/29/2010</b>	RunNo: <b>139534</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62751</b>	<b>SOP 3063</b>	Analysis Date: <b>8/29/2010</b>	SeqNo: <b>2718321</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.004	0.010	0.01000	0	35.0	-100	100				J

Sample ID: <b>LCS-62751</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/29/2010</b>	RunNo: <b>139534</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62751</b>	<b>SOP 3063</b>	Analysis Date: <b>8/29/2010</b>	SeqNo: <b>2718322</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.257	0.010	0.2500	0	102.8	85	115				

Sample ID: <b>10081177-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/29/2010</b>	RunNo: <b>139534</b>							
Client ID: <b>P5-GH4-F(22)MS</b>	Batch ID: <b>62751</b>	<b>SOP 3063</b>	Analysis Date: <b>8/29/2010</b>	SeqNo: <b>2718324</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.290	0.011	0.2726	0.01254	101.8	75	125				

Sample ID: <b>10081177-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/29/2010</b>	RunNo: <b>139534</b>							
Client ID: <b>P5-GH4-F(22)MSD</b>	Batch ID: <b>62751</b>	<b>SOP 3063</b>	Analysis Date: <b>8/29/2010</b>	SeqNo: <b>2718325</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.298	0.011	0.2726	0.01254	104.6	75	125	0.2901	2.60	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8015M/OA2

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>MB-62747</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139577</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62747</b>	<b>SW3550B</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719253</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	0.48		0.6700		72.1	54.8	128				

Sample ID: <b>LCS-62747</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139577</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62747</b>	<b>SW3550B</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719254</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	11.8	5.00	16.70	0	70.5	40.4	121				
Surr: n-Tetracontane	0.54		0.6700		81.1	54.8	128				

Sample ID: <b>10081177-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139577</b>							
Client ID: <b>P5-GH4-F(22)MS</b>	Batch ID: <b>62747</b>	<b>SW3550B</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719256</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	51.1	11.3	37.79	31.73	51.3	20.3	167				
Surr: n-Tetracontane	1.38		1.516		91.2	53.9	153				

Sample ID: <b>10081177-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139577</b>							
Client ID: <b>P5-GH4-F(22)MSD</b>	Batch ID: <b>62747</b>	<b>SW3550B</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719257</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	43.3	11.1	37.17	31.73	31.3	20.3	167	51.10	16.4	34	
Surr: n-Tetracontane	1.35		1.491		90.7	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: 10081177

Report Date: 02-Sep-10

Sample ID: LCS-G100830-1	SampType: LCS	Units: µg/Kg				Prep Date: 8/30/2010	RunNo: 139574				
Client ID: ZZZZZZ	Batch ID: 62766	SW5035				Analysis Date: 8/30/2010	SeqNo: 2719236				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	47.6	5.00	50.00	0	95.2	0	200				
1,1,1-Trichloroethane	45.2	5.00	50.00	0	90.3	85.8	124				
1,1,2,2-Tetrachloroethane	46.6	5.00	50.00	0	93.3	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	39.1	5.00	50.00	0	78.2	0	200				
1,1,2-Trichloroethane	46.5	5.00	50.00	0	93.0	0	200				
1,1-Dichloro-2-propanone	117	50.0	125.0	0	94.0	0	200				
1,1-Dichloroethane	42.6	5.00	50.00	0	85.2	0	200				
1,1-Dichloroethene	37.5	5.00	50.00	0	75.0	60.1	131				
1,1-Dichloropropene	44.0	5.00	50.00	0	87.9	0	200				
1,2,3-Trichlorobenzene	53.2	5.00	50.00	0	106.3	0	200				
1,2,3-Trichloropropane	46.2	10.0	50.00	0	92.4	0	200				
1,2,3-Trimethylbenzene	48.3	5.00	50.00	0	96.6	0	200				
1,2,4-Trichlorobenzene	55.3	5.00	50.00	0	110.6	0	200				
1,2,4-Trimethylbenzene	49.1	5.00	50.00	0	98.2	0	200				
1,2-Dibromo-3-chloropropane	49.2	5.00	50.00	0	98.5	0	200				
1,2-Dibromoethane	46.3	5.00	50.00	0	92.7	86.9	119				
1,2-Dichlorobenzene	47.6	5.00	50.00	0	95.3	88	119				
1,2-Dichloroethane	45.1	5.00	50.00	0	90.1	73	117				
1,2-Dichloropropane	44.3	5.00	50.00	0	88.7	0	200				
1,3,5-Trimethylbenzene	47.2	5.00	50.00	0	94.4	0	200				
1,3-Dichlorobenzene	48.1	5.00	50.00	0	96.2	85.8	125				
1,3-Dichloropropane	44.5	5.00	50.00	0	89.0	0	200				
1,4-Dichlorobenzene	47.8	5.00	50.00	0	95.6	84.5	124				
1-Chlorobutane	40.0	5.00	50.00	0	80.0	0	200				
2,2-Dichloropropane	45.1	5.00	50.00	0	90.1	0	200				
2-Butanone	123	50.0	125.0	0	98.8	45.3	136				
2-Chlorotoluene	47.2	5.00	50.00	0	94.4	0	200				
2-Hexanone	131	50.0	125.0	0	104.5	0	200				
2-Nitropropane	50.3	50.0	50.00	0	100.6	0	200				
4-Chlorotoluene	48.4	5.00	50.00	0	96.9	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>LCS-G100830-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>8/30/2010</b>	RunNo: <b>139574</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62766</b>	<b>SW5035</b>				Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719236</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	124	50.0	125.0	0	99.3	0	200				
Acetone	164	50.0	125.0	0	131.3	0	200				
Acrylonitrile	41.7	10.0	50.00	0	83.4	0	200				
Allyl chloride	40.7	5.00	50.00	0	81.4	0	200				
Benzene	43.2	1.00	50.00	0	86.3	73.9	109				
Bromobenzene	47.3	5.00	50.00	0	94.5	0	200				
Bromochloromethane	43.3	5.00	50.00	0	86.6	0	200				
Bromodichloromethane	47.5	5.00	50.00	0	95.1	91.3	126				
Bromoform	49.1	5.00	50.00	0	98.1	0	200				
Bromomethane	32.8	10.0	50.00	0	65.6	0	200				
Carbon disulfide	34.0	5.00	50.00	0	68.0	0	200				
Carbon tetrachloride	46.1	5.00	50.00	0	92.2	83.3	127				
Chlorobenzene	46.0	5.00	50.00	0	92.1	85.8	116				
Chloroethane	32.0	10.0	50.00	0	64.0	0	200				
Chloroform	46.1	5.00	50.00	0	92.2	80	113				
Chloromethane	19.8	10.0	50.00	0	39.5	0	200				
cis-1,2-Dichloroethene	45.1	5.00	50.00	0	90.2	0	200				
cis-1,3-Dichloropropene	47.5	4.00	50.00	0	95.1	0	200				
Cyclohexanone	245	100	250.0	0	97.8	0	200				
Dibromochloromethane	47.7	5.00	50.00	0	95.5	89.1	119				
Dibromomethane	46.6	5.00	50.00	0	93.2	0	200				
Dichlorodifluoromethane	8.6	10.0	50.00	0	17.2	0	200				J
Ethyl acetate	45	50.0	50.00	0	89.2	0	200				J
Ethyl ether	40.2	5.00	50.00	0	80.5	0	200				
Ethyl methacrylate	50.6	5.00	50.00	0	101.2	0	200				
Ethylbenzene	45.8	5.00	50.00	0	91.7	84.1	115				
Heptane	42.8	20.0	50.00	0	85.5	0	200				
Hexachlorobutadiene	51.6	5.00	50.00	0	103.3	0	200				
Hexachloroethane	48.0	5.00	50.00	0	96.0	0	200				
Iodomethane	40.3	10.0	50.00	0	80.6	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>LCS-G100830-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>8/30/2010</b>	RunNo: <b>139574</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62766</b>	<b>SW5035</b>				Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719236</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	47.0	5.00	50.00	0	94.0	0	200				
m,p-Xylenes	93.7	5.00	100.0	0	93.7	79.1	111				
Methacrylonitrile	44	50.0	50.00	0	87.8	0	200				J
Methyl Methacrylate	49.1	5.00	50.00	0	98.3	0	200				
Methyl tert-butyl ether	45.6	2.00	50.00	0	91.1	80	128				
Methylacrylate	45.9	10.0	50.00	0	91.9	0	200				
Methylene chloride	40.9	5.00	50.00	0	81.8	73.9	116				
Naphthalene	52.6	10.0	50.00	0	105.1	73.1	135				
n-Butylbenzene	52.4	5.00	50.00	0	104.9	0	200				
n-Hexane	36.4	20.0	50.00	0	72.9	0	200				
Nitrobenzene	53	100	50.00	0	105.9	0	200				J
n-Propylbenzene	48.0	5.00	50.00	0	96.0	0	200				
o-Xylene	46.8	5.00	50.00	0	93.6	82	117				
Pentachloroethane	51.9	5.00	50.00	0	103.9	0	200				
p-Isopropyltoluene	48.3	5.00	50.00	0	96.6	0	200				
Propionitrile	50.1	50.0	50.00	0	100.2	0	200				
sec-Butylbenzene	48.0	5.00	50.00	0	96.0	0	200				
Styrene	49.0	5.00	50.00	0	97.9	0	200				
tert-Butylbenzene	47.8	5.00	50.00	0	95.7	0	200				
Tetrachloroethene	45.4	5.00	50.00	0	90.7	74.6	115				
Tetrahydrofuran	43	50.0	50.00	0	85.6	0	200				J
Toluene	43.9	5.00	50.00	0	87.7	79.1	112				
trans-1,2-Dichloroethene	41.4	5.00	50.00	0	82.7	0	200				
trans-1,3-Dichloropropene	47.0	4.00	50.00	0	94.1	0	200				
trans-1,4-Dichloro-2-butene	46.9	10.0	50.00	0	93.8	0	200				
Trichloroethene	46.3	5.00	50.00	0	92.6	81	111				
Trichlorofluoromethane	34.8	5.00	50.00	0	69.6	0	200				
Vinyl acetate	47	50.0	50.00	0	94.4	0	200				J
Vinyl chloride	24.9	2.00	50.00	0	49.8	0	200				
Surr: 1,2-Dichloroethane-d4	49.0		50.00		98.0	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: 10081177

Report Date: 02-Sep-10

Sample ID: <b>LCS-G100830-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/30/2010</b>	RunNo: <b>139574</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62766</b>	<b>SW5035</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719236</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	51.1		50.00		102.3	82.1	116				
Surr: Dibromofluoromethane	50.5		50.00		101.0	77.7	120				
Surr: Toluene-d8	49.4		50.00		98.9	86	116				

Sample ID: <b>LCSD-G100830-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/30/2010</b>	RunNo: <b>139574</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62766</b>	<b>SW5035</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719237</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	48.4	5.00	50.00	0	96.8	0	200	47.61	1.63	20	
1,1,1-Trichloroethane	46.4	5.00	50.00	0	92.8	85.8	124	45.16	2.69	20	
1,1,2,2-Tetrachloroethane	48.4	5.00	50.00	0	96.8	0	200	46.64	3.75	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	39.3	5.00	50.00	0	78.6	0	200	39.09	0.536	20	
1,1,2-Trichloroethane	47.8	5.00	50.00	0	95.6	0	200	46.50	2.78	20	
1,1-Dichloro-2-propanone	122	50.0	125.0	0	97.7	0	200	117.5	3.91	20	
1,1-Dichloroethane	43.8	5.00	50.00	0	87.6	0	200	42.61	2.73	20	
1,1-Dichloroethene	38.0	5.00	50.00	0	75.9	60.1	131	37.50	1.19	20	
1,1-Dichloropropene	44.6	5.00	50.00	0	89.1	0	200	43.95	1.38	20	
1,2,3-Trichlorobenzene	51.3	5.00	50.00	0	102.6	0	200	53.17	3.56	20	
1,2,3-Trichloropropane	48.0	10.0	50.00	0	95.9	0	200	46.22	3.67	20	
1,2,3-Trimethylbenzene	47.4	5.00	50.00	0	94.8	0	200	48.31	1.94	20	
1,2,4-Trichlorobenzene	52.8	5.00	50.00	0	105.6	0	200	55.30	4.59	20	
1,2,4-Trimethylbenzene	48.6	5.00	50.00	0	97.2	0	200	49.12	1.08	20	
1,2-Dibromo-3-chloropropane	50.7	5.00	50.00	0	101.3	0	200	49.24	2.84	20	
1,2-Dibromoethane	47.6	5.00	50.00	0	95.2	86.9	119	46.34	2.66	20	
1,2-Dichlorobenzene	47.0	5.00	50.00	0	94.0	88	119	47.64	1.37	20	
1,2-Dichloroethane	46.7	5.00	50.00	0	93.4	73	117	45.07	3.55	20	
1,2-Dichloropropane	46.4	5.00	50.00	0	92.9	0	200	44.33	4.67	20	
1,3,5-Trimethylbenzene	47.1	5.00	50.00	0	94.1	0	200	47.18	0.255	20	
1,3-Dichlorobenzene	47.5	5.00	50.00	0	95.0	85.8	125	48.08	1.17	20	
1,3-Dichloropropane	46.0	5.00	50.00	0	92.0	0	200	44.48	3.32	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>LCS-D-G100830-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>8/30/2010</b>	RunNo: <b>139574</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62766</b>	<b>SW5035</b>				Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719237</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	47.2	5.00	50.00	0	94.5	84.5	124	47.79	1.14	20	
1-Chlorobutane	40.7	5.00	50.00	0	81.4	0	200	40.00	1.69	20	
2,2-Dichloropropane	45.2	5.00	50.00	0	90.4	0	200	45.06	0.288	20	
2-Butanone	131	50.0	125.0	0	104.5	45.3	136	123.5	5.64	20	
2-Chlorotoluene	47.1	5.00	50.00	0	94.1	0	200	47.21	0.318	20	
2-Hexanone	131	50.0	125.0	0	105.1	0	200	130.6	0.565	20	
2-Nitropropane	51.6	50.0	50.00	0	103.3	0	200	50.28	2.69	20	
4-Chlorotoluene	48.0	5.00	50.00	0	96.0	0	200	48.43	0.934	20	
4-Methyl-2-pentanone	128	50.0	125.0	0	102.3	0	200	124.1	3.02	20	
Acetone	169	50.0	125.0	0	135.1	0	200	164.1	2.91	20	
Acrylonitrile	44.1	10.0	50.00	0	88.1	0	200	41.69	5.53	20	
Allyl chloride	41.7	5.00	50.00	0	83.3	0	200	40.68	2.38	20	
Benzene	43.9	1.00	50.00	0	87.8	73.9	109	43.15	1.77	20	
Bromobenzene	46.8	5.00	50.00	0	93.5	0	200	47.27	1.11	20	
Bromochloromethane	45.0	5.00	50.00	0	90.0	0	200	43.28	3.92	20	
Bromodichloromethane	48.6	5.00	50.00	0	97.2	91.3	126	47.54	2.25	20	
Bromoform	51.1	5.00	50.00	0	102.2	0	200	49.06	4.05	20	
Bromomethane	32.3	10.0	50.00	0	64.7	0	200	32.82	1.50	20	
Carbon disulfide	34.2	5.00	50.00	0	68.4	0	200	33.98	0.587	20	
Carbon tetrachloride	46.9	5.00	50.00	0	93.7	83.3	127	46.09	1.68	20	
Chlorobenzene	46.5	5.00	50.00	0	93.0	85.8	116	46.03	1.02	20	
Chloroethane	32.8	10.0	50.00	0	65.5	0	200	31.98	2.44	20	
Chloroform	47.1	5.00	50.00	0	94.2	80	113	46.12	2.15	20	
Chloromethane	19.1	10.0	50.00	0	38.2	0	200	19.75	3.40	20	
cis-1,2-Dichloroethene	45.8	5.00	50.00	0	91.7	0	200	45.11	1.58	20	
cis-1,3-Dichloropropene	48.4	4.00	50.00	0	96.8	0	200	47.54	1.77	20	
Cyclohexanone	241	100	250.0	0	96.5	0	200	244.6	1.35	20	
Dibromochloromethane	49.1	5.00	50.00	0	98.3	89.1	119	47.73	2.89	20	
Dibromomethane	47.7	5.00	50.00	0	95.4	0	200	46.61	2.35	20	
Dichlorodifluoromethane	8.6	10.0	50.00	0	17.2	0	200	8.590	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: 10081177

Report Date: 02-Sep-10

Sample ID: <b>LCS-D-G100830-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/30/2010</b>	RunNo: <b>139574</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62766</b>	<b>SW5035</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719237</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethyl acetate	45	50.0	50.00	0	90.0	0	200	44.58	0	20	J
Ethyl ether	41.4	5.00	50.00	0	82.9	0	200	40.23	2.94	20	
Ethyl methacrylate	51.4	5.00	50.00	0	102.9	0	200	50.58	1.69	20	
Ethylbenzene	46.0	5.00	50.00	0	92.0	84.1	115	45.83	0.392	20	
Heptane	43.8	20.0	50.00	0	87.5	0	200	42.76	2.29	20	
Hexachlorobutadiene	50.0	5.00	50.00	0	100.1	0	200	51.65	3.19	20	
Hexachloroethane	47.8	5.00	50.00	0	95.5	0	200	47.98	0.460	20	
Iodomethane	43.0	10.0	50.00	0	86.1	0	200	40.31	6.57	20	
Isopropylbenzene	47.2	5.00	50.00	0	94.4	0	200	47.02	0.382	20	
m,p-Xylenes	93.4	5.00	100.0	0	93.4	79.1	111	93.68	0.299	20	
Methacrylonitrile	46	50.0	50.00	0	93.0	0	200	43.89	0	20	J
Methyl Methacrylate	50.4	5.00	50.00	0	100.8	0	200	49.13	2.59	20	
Methyl tert-butyl ether	47.0	2.00	50.00	0	93.9	80	128	45.57	3.03	20	
Methylacrylate	47.4	10.0	50.00	0	94.9	0	200	45.93	3.23	20	
Methylene chloride	42.0	5.00	50.00	0	84.0	73.9	116	40.89	2.65	20	
Naphthalene	51.5	10.0	50.00	0	103.0	73.1	135	52.57	2.10	20	
n-Butylbenzene	50.9	5.00	50.00	0	101.7	0	200	52.45	3.06	20	
n-Hexane	37.1	20.0	50.00	0	74.1	0	200	36.44	1.69	20	
Nitrobenzene	ND	100	50.00	0	0	0	200	52.96	0	20	
n-Propylbenzene	47.4	5.00	50.00	0	94.7	0	200	47.99	1.30	20	
o-Xylene	47.1	5.00	50.00	0	94.2	82	117	46.79	0.682	20	
Pentachloroethane	52.2	5.00	50.00	0	104.4	0	200	51.93	0.480	20	
p-Isopropyltoluene	48.0	5.00	50.00	0	95.9	0	200	48.31	0.748	20	
Propionitrile	48	50.0	50.00	0	96.0	0	200	50.09	0	20	J
sec-Butylbenzene	47.6	5.00	50.00	0	95.1	0	200	48.00	0.900	20	
Styrene	49.0	5.00	50.00	0	98.0	0	200	48.97	0.0408	20	
tert-Butylbenzene	47.3	5.00	50.00	0	94.6	0	200	47.85	1.11	20	
Tetrachloroethene	45.6	5.00	50.00	0	91.2	74.6	115	45.37	0.484	20	
Tetrahydrofuran	46	50.0	50.00	0	92.8	0	200	42.81	0	20	J
Toluene	44.3	5.00	50.00	0	88.7	79.1	112	43.87	1.04	20	

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>LCSG-G100830-1</b>		SampType: <b>LCSG</b>		Units: <b>µg/Kg</b>		Prep Date: <b>8/30/2010</b>			RunNo: <b>139574</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62766</b>		<b>SW5035</b>		Analysis Date: <b>8/30/2010</b>			SeqNo: <b>2719237</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	42.1	5.00	50.00	0	84.3	0	200	41.36	1.87	20	
trans-1,3-Dichloropropene	48.1	4.00	50.00	0	96.1	0	200	47.03	2.17	20	
trans-1,4-Dichloro-2-butene	47.7	10.0	50.00	0	95.4	0	200	46.92	1.63	20	
Trichloroethene	46.8	5.00	50.00	0	93.7	81	111	46.32	1.12	20	
Trichlorofluoromethane	35.5	5.00	50.00	0	70.9	0	200	34.80	1.91	20	
Vinyl acetate	49	50.0	50.00	0	98.4	0	200	47.18	0	20	J
Vinyl chloride	25.8	2.00	50.00	0	51.6	0	200	24.89	3.51	20	
Surr: 1,2-Dichloroethane-d4	49.8		50.00		99.7	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	51.4		50.00		102.9	82.1	116		0	20	
Surr: Dibromofluoromethane	51.2		50.00		102.4	77.7	120		0	20	
Surr: Toluene-d8	49.0		50.00		98.1	86	116		0	20	

Sample ID: <b>LCSG-G100830-1</b>		SampType: <b>LCSG</b>		Units: <b>µg/Kg</b>		Prep Date: <b>8/30/2010</b>			RunNo: <b>139574</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62766</b>		<b>SW5035</b>		Analysis Date: <b>8/30/2010</b>			SeqNo: <b>2719239</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	1710	1000	2000	0	85.4	70	130				
Surr: 1,2-Dichloroethane-d4	49.8		50.00		99.7	61	128				
Surr: 4-Bromofluorobenzene	51.7		50.00		103.4	78.2	117				
Surr: Dibromofluoromethane	49.3		50.00		98.7	66.6	130				
Surr: Toluene-d8	48.5		50.00		97.0	80.1	122				

Sample ID: <b>LCSGD-G100830-1</b>		SampType: <b>LCSGD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>8/30/2010</b>			RunNo: <b>139574</b>		
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62766</b>		<b>SW5035</b>		Analysis Date: <b>8/30/2010</b>			SeqNo: <b>2719240</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	1790	1000	2000	0	89.4	70	130	1708	4.59	20	
Surr: 1,2-Dichloroethane-d4	49.7		50.00		99.4	61	128		0	0	
Surr: 4-Bromofluorobenzene	52.5		50.00		104.9	78.2	117		0	0	
Surr: Dibromofluoromethane	48.9		50.00		97.9	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: 10081177

Report Date: 02-Sep-10

Sample ID: <b>LCSGD-G100830-1</b>	SampType: <b>LCSGD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/30/2010</b>	RunNo: <b>139574</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62766</b>	<b>SW5035</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719240</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	48.6		50.00		97.2	80.1	122		0	0	

Sample ID: <b>MBLK-G100830-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/30/2010</b>	RunNo: <b>139574</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62766</b>	<b>SW5035</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719241</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: 10081177

Report Date: 02-Sep-10

Sample ID: <b>MBLK-G100830-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/30/2010</b>	RunNo: <b>139574</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62766</b>	<b>SW5035</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719241</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: 10081177

Report Date: 02-Sep-10

Sample ID: <b>MBLK-G100830-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/30/2010</b>	RunNo: <b>139574</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62766</b>	<b>SW5035</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719241</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	1.9	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: 10081177

Report Date: 02-Sep-10

Sample ID: <b>MBLK-G100830-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>8/30/2010</b>	RunNo: <b>139574</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62766</b>	<b>SW5035</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719241</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	49.3		50.00		98.5	72.2	131				
Surr: 4-Bromofluorobenzene	51.5		50.00		103.0	82.1	116				
Surr: Dibromofluoromethane	50.1		50.00		100.2	77.7	120				
Surr: Toluene-d8	48.8		50.00		97.5	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>MB-62746</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139586</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62746</b>	<b>SW3550B</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719447</b>

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



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: MB-62746	SampType: MBLK	Units: mg/Kg	Prep Date: 8/27/2010	RunNo: 139586							
Client ID: ZZZZZZ	Batch ID: 62746	SW3550B	Analysis Date: 8/30/2010	SeqNo: 2719447							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>MB-62746</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139586</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62746</b>	<b>SW3550B</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719447</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.42		1.670		85.2	52.1	113				
Surr: 2-Fluorobiphenyl	0.670		0.8350		80.2	46.3	106				
Surr: 2-Fluorophenol	1.25		1.670		75.0	50.6	89				
Surr: Nitrobenzene-d5	0.652		0.8350		78.1	42.4	99.2				
Surr: Phenol-d5	1.36		1.670		81.7	55.9	98.5				
Surr: p-Terphenyl-d14	0.772		0.8350		92.4	45.5	115				

Sample ID: <b>LCS-62746</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139586</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62746</b>	<b>SW3550B</b>	Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719448</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.26	0.500	1.670	0	75.4	43.9	92.2				
1,4-Dichlorobenzene	1.12	0.500	1.670	0	67.0	43.8	84.1				
2,4,5-Trichlorophenol	2.59	0.350	3.330	0	77.6	38.6	123				
2,4,6-Trichlorophenol	2.55	0.350	3.330	0	76.6	35.9	123				
2,4-Dimethylphenol	2.39	0.500	3.330	0	71.7	38.3	88				
2,4-Dinitrophenol	2.62	1.00	3.330	0	78.6	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: 10081177

Report Date: 02-Sep-10

Sample ID: LCS-62746	SampType: LCS	Units: mg/Kg				Prep Date: 8/27/2010	RunNo: 139586				
Client ID: ZZZZZZ	Batch ID: 62746	SW3550B				Analysis Date: 8/30/2010	SeqNo: 2719448				
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	85.4	48.6	102				
2-Chlorophenol	2.44	0.500	3.330	0	73.4	46.6	84				
4-Chloro-3-methylphenol	2.50	0.500	3.330	0	75.0	51.5	94.9				
4-Nitrophenol	2.72	0.350	3.330	0	81.7	53.2	104				
Acenaphthene	1.27	0.350	1.670	0	76.2	50.8	113				
Acenaphthylene	1.37	0.350	1.670	0	82.2	52.8	121				
Anthracene	1.25	0.350	1.670	0	74.7	53.3	115				
Benzo(a)anthracene	1.18	0.350	1.670	0	70.9	62.3	110				
Benzo(a)pyrene	1.31	0.350	1.670	0	78.2	58.2	109				
Benzo(b)fluoranthene	1.30	0.350	1.670	0	77.9	51.8	107				
Benzo(g,h,i)perylene	1.52	0.350	1.670	0	91.2	49.6	121				
Benzo(k)fluoranthene	1.39	0.350	1.670	0	83.1	63.1	129				
Bis(2-ethylhexyl)phthalate	1.35	0.350	1.670	0	81.0	56.3	109				
Chrysene	1.32	0.350	1.670	0	79.3	58.4	115				
Dibenzo(a,h)anthracene	1.50	0.350	1.670	0	89.5	54.9	120				
Diethyl phthalate	2.57	0.500	3.330	0	77.1	51.7	106				
Dimethyl phthalate	2.59	0.350	3.330	0	77.7	58.8	104				
Di-n-butyl phthalate	1.35	0.350	1.670	0	80.7	54.3	105				
Fluoranthene	1.41	0.350	1.670	0	84.6	61.6	113				
Fluorene	1.38	0.350	1.670	0	82.5	52.2	116				
Hexachlorobenzene	2.79	0.350	3.330	0	83.8	55.9	106				
Hexachlorobutadiene	2.36	0.500	3.330	0	70.7	35.7	100				
Hexachloroethane	2.25	0.500	3.330	0	67.6	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.52	0.350	1.670	0	90.7	52.7	115				
m,p-Cresol	1.31	0.500	1.670	0	78.2	37.6	93.7				
Naphthalene	1.17	0.350	1.670	0	70.2	45.7	101				
Nitrobenzene	2.25	0.500	3.330	0	67.6	51.8	104				
N-Nitroso-di-n-propylamine	1.29	0.500	1.670	0	77.1	49.1	94.5				
o-Cresol	1.32	0.500	1.670	0	78.9	43	101				
Pentachlorophenol	1.8	2.00	3.330	0	54.6	42.2	102				J

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>LCS-62746</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/27/2010</b>		RunNo: <b>139586</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62746</b>		<b>SW3550B</b>		Analysis Date: <b>8/30/2010</b>		SeqNo: <b>2719448</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.35	0.350	1.670	0	81.1	52.9	113				
Phenol	2.39	0.350	3.330	0	71.7	41.6	81.3				
Pyrene	1.36	0.500	1.670	0	81.3	60.7	115				
Pyridine	1.55	0.500	3.330	0	46.4	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.46		1.670		87.5	52.1	113				
Surr: 2-Fluorobiphenyl	0.591		0.8350		70.8	46.3	106				
Surr: 2-Fluorophenol	1.17		1.670		70.0	50.6	89				
Surr: Nitrobenzene-d5	0.531		0.8350		63.6	42.4	99.2				
Surr: Phenol-d5	1.23		1.670		73.6	55.9	98.5				
Surr: p-Terphenyl-d14	0.701		0.8350		83.9	45.5	115				

Sample ID: <b>10081177-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/27/2010</b>		RunNo: <b>139586</b>			
Client ID: <b>P5-GH4-F(22)MS</b>		Batch ID: <b>62746</b>		<b>SW3550B</b>		Analysis Date: <b>8/30/2010</b>		SeqNo: <b>2719450</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.82	1.13	3.766	0	75.0	35.9	102				
1,4-Dichlorobenzene	2.66	1.13	3.766	0	70.7	29.8	95.5				
2,4,5-Trichlorophenol	5.35	0.789	7.510	0	71.2	38.6	123				
2,4,6-Trichlorophenol	5.47	0.789	7.510	0	72.9	35.9	123				
2,4-Dimethylphenol	6.26	1.13	7.510	0	83.3	38.3	88				
2,4-Dinitrophenol	4.14	2.26	7.510	0	55.2	1.88	162				
2,4-Dinitrotoluene	3.26	0.789	3.766	0	86.5	37.5	107				
2-Chlorophenol	5.10	1.13	7.510	0	67.9	22.6	108				
4-Chloro-3-methylphenol	5.92	1.13	7.510	0	78.8	19.3	131				
4-Nitrophenol	5.84	0.789	7.510	0	77.7	27.6	123				
Diethyl phthalate	6.10	1.13	7.510	0	81.2	51.7	106				
Dimethyl phthalate	5.94	0.789	7.510	0	79.1	58.8	104				
Di-n-butyl phthalate	3.11	0.789	3.766	0	82.5	54.3	105				
Hexachlorobenzene	6.92	0.789	7.510	0	92.2	55.9	106				
Hexachlorobutadiene	5.23	1.13	7.510	0	69.7	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: 10081177

Report Date: 02-Sep-10

Sample ID: <b>10081177-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/27/2010</b>		RunNo: <b>139586</b>			
Client ID: <b>P5-GH4-F(22)MS</b>		Batch ID: <b>62746</b>		<b>SW3550B</b>		Analysis Date: <b>8/30/2010</b>		SeqNo: <b>2719450</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	4.87	1.13	7.510	0	64.9	38.9	89.9				
m,p-Cresol	2.99	1.13	3.766	0	79.3	37.6	93.7				
Nitrobenzene	5.11	1.13	7.510	0	68.0	51.8	104				
N-Nitroso-di-n-propylamine	3.13	1.13	3.766	0	83.2	45.5	99.1				
o-Cresol	2.99	1.13	3.766	0	79.5	43	101				
Pentachlorophenol	3.0	4.51	7.510	0	40.3	18.5	113				J
Phenol	5.31	0.789	7.510	0	70.7	20.8	110				
Pyridine	3.92	1.13	7.510	0	52.2	3.61	74.3				
Surr: 2-Fluorobiphenyl	1.30		1.883		69.2	34.1	116				
Surr: Nitrobenzene-d5	1.14		1.883		60.6	34.1	101				
Surr: Phenol-d5	2.57		3.766		68.2	34.9	110				
Surr: p-Terphenyl-d14	1.60		1.883		85.2	41.7	124				

Sample ID: <b>10081177-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/27/2010</b>		RunNo: <b>139586</b>			
Client ID: <b>P5-GH4-F(22)MSD</b>		Batch ID: <b>62746</b>		<b>SW3550B</b>		Analysis Date: <b>8/30/2010</b>		SeqNo: <b>2719451</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.82	1.12	3.734	0	75.4	35.9	102	2.823	0.265	40	
1,4-Dichlorobenzene	2.47	1.12	3.734	0	66.1	29.8	95.5	2.663	7.67	40	
2,4,5-Trichlorophenol	4.99	0.783	7.445	0	67.1	38.6	123	5.349	6.89	40	
2,4,6-Trichlorophenol	5.05	0.783	7.445	0	67.9	35.9	123	5.473	7.94	40	
2,4-Dimethylphenol	5.67	1.12	7.445	0	76.1	38.3	88	6.259	9.95	40	
2,4-Dinitrophenol	3.45	2.24	7.445	0	46.4	1.88	162	4.142	18.2	40	
2,4-Dinitrotoluene	2.93	0.783	3.734	0	78.6	37.5	107	3.258	10.4	40	
2-Chlorophenol	4.69	1.12	7.445	0	63.0	22.6	108	5.097	8.37	40	
4-Chloro-3-methylphenol	5.48	1.12	7.445	0	73.6	19.3	131	5.920	7.76	40	
4-Nitrophenol	5.37	0.783	7.445	0	72.1	27.6	123	5.837	8.38	40	
Diethyl phthalate	5.45	1.12	7.445	0	73.1	51.7	106	6.101	11.4	40	
Dimethyl phthalate	5.48	0.783	7.445	0	73.7	58.8	104	5.937	7.92	40	
Di-n-butyl phthalate	2.92	0.783	3.734	0	78.3	54.3	105	3.107	6.11	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>10081177-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/27/2010</b>		RunNo: <b>139586</b>			
Client ID: <b>P5-GH4-F(22)MSD</b>		Batch ID: <b>62746</b>		<b>SW3550B</b>		Analysis Date: <b>8/30/2010</b>		SeqNo: <b>2719451</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	6.35	0.783	7.445	0	85.2	55.9	106	6.925	8.73	40	
Hexachlorobutadiene	5.08	1.12	7.445	0	68.3	35.7	100	5.232	2.89	40	
Hexachloroethane	4.33	1.12	7.445	0	58.2	38.9	89.9	4.872	11.7	40	
m,p-Cresol	2.76	1.12	3.734	0	73.8	37.6	93.7	2.988	8.06	40	
Nitrobenzene	4.95	1.12	7.445	0	66.5	51.8	104	5.107	3.04	40	
N-Nitroso-di-n-propylamine	2.68	1.12	3.734	0	71.8	45.5	99.1	3.132	15.5	40	
o-Cresol	2.73	1.12	3.734	0	73.1	43	101	2.993	9.25	40	
Pentachlorophenol	2.7	4.47	7.445	0	36.0	18.5	113	3.028	0	40	J
Phenol	4.85	0.783	7.445	0	65.1	20.8	110	5.311	9.09	40	
Pyridine	3.35	1.12	7.445	0	45.0	3.61	74.3	3.921	15.7	40	
Surr: 2-Fluorobiphenyl	1.31		1.867		70.0	34.1	116		0	40	
Surr: Nitrobenzene-d5	1.13		1.867		60.5	34.1	101		0	40	
Surr: Phenol-d5	2.52		3.734		67.6	34.9	110		0	40	
Surr: p-Terphenyl-d14	1.53		1.867		82.1	41.7	124		0	40	

Sample ID: <b>MB-62718</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/27/2010</b>		RunNo: <b>139546</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62718</b>		<b>SW3550B</b>		Analysis Date: <b>8/27/2010</b>		SeqNo: <b>2718912</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	0.003	0.003									J
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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>MB-62718</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139546</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62718</b>	<b>SW3550B</b>	Analysis Date: <b>8/27/2010</b>	SeqNo: <b>2718912</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	0.101		0.1670		60.3	17.5	123				
Surr: Nitrobenzene-d5	0.110		0.1670		65.7	35	105				
Surr: p-Terphenyl-d14	0.111		0.1670		66.7	53.6	122				

Sample ID: <b>LCS-62718</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139546</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62718</b>	<b>SW3550B</b>	Analysis Date: <b>8/27/2010</b>	SeqNo: <b>2718913</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.106	0.003	0.1670	0	63.3	56.3	115				
Acenaphthylene	0.105	0.003	0.1670	0	63.1	60.3	143				
Anthracene	0.109	0.003	0.1670	0	65.5	52.1	109				
Benzo(a)anthracene	0.107	0.003	0.1670	0	63.9	52.8	112				
Benzo(a)pyrene	0.115	0.003	0.1670	0	68.7	40.8	127				
Benzo(b)fluoranthene	0.134	0.003	0.1670	0	80.0	50.1	150				
Benzo(g,h,i)perylene	0.135	0.003	0.1670	0	80.8	52.8	145				
Benzo(k)fluoranthene	0.128	0.003	0.1670	0	76.8	52	153				
Chrysene	0.118	0.003	0.1670	0	70.9	60.8	128				
Dibenzo(a,h)anthracene	0.135	0.003	0.1670	0	80.6	54.9	150				
Fluoranthene	0.114	0.003	0.1670	0	68.3	58.7	125				
Fluorene	0.108	0.003	0.1670	0	64.9	57.8	125				
Indeno(1,2,3-cd)pyrene	0.134	0.003	0.1670	0	80.4	52	147				
Naphthalene	0.108	0.003	0.1670	0	64.5	54.8	113				
Phenanthrene	0.110	0.003	0.1670	0	65.7	60.4	121				
Pyrene	0.112	0.003	0.1670	0	66.9	57.9	129				
Surr: 2-Fluorobiphenyl	0.100		0.1670		60.1	35.3	113				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>LCS-62718</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139546</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62718</b>	<b>SW3550B</b>	Analysis Date: <b>8/27/2010</b>	SeqNo: <b>2718913</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Nitrobenzene-d5	0.106		0.1670		63.7	33.9	108				
Surr: p-Terphenyl-d14	0.110		0.1670		65.7	58.4	122				

Sample ID: <b>10081177-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/27/2010</b>	RunNo: <b>139701</b>							
Client ID: <b>P5-GH4-F(22)MS</b>	Batch ID: <b>62718</b>	<b>SW3550B</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2722049</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Acenaphthene	0.324	0.008	0.3690	0.01257	84.4	36	135				
Acenaphthylene	0.313	0.008	0.3690	0.01109	81.8	17.2	167				
Anthracene	0.325	0.008	0.3690	0	88.0	39.3	124				
Benzo(a)anthracene	0.315	0.008	0.3690	0.009613	82.6	10	183				
Benzo(a)pyrene	0.349	0.008	0.3690	0	94.6	10	204				
Benzo(b)fluoranthene	0.356	0.008	0.3690	0.007394	94.6	10.6	178				
Benzo(g,h,i)perylene	0.351	0.008	0.3690	0.01035	92.4	10	168				
Benzo(k)fluoranthene	0.337	0.008	0.3690	0	91.4	27.6	181				
Bis(2-ethylhexyl)phthalate	0.351	0.148	0.3690	0	95.0	50	150				
Chrysene	0.340	0.008	0.3690	0.007394	90.0	10	176				
Dibenzo(a,h)anthracene	0.341	0.008	0.3690	0	92.4	12.2	156				
Fluoranthene	0.388	0.008	0.3690	0.01183	102.0	10	227				
Fluorene	0.330	0.008	0.3690	0.008134	87.2	35.2	148				
Indeno(1,2,3-cd)pyrene	0.351	0.008	0.3690	0	95.0	10	164				
Naphthalene	0.356	0.008	0.3690	0.03106	88.0	14.7	128				
Phenanthrene	0.409	0.008	0.3690	0.03697	100.8	32.8	143				
Pyrene	0.390	0.008	0.3690	0.01627	101.2	10	180				
Surr: 2-Fluorobiphenyl	1.36		1.841		73.6	10	131				
Surr: Nitrobenzene-d5	1.45		1.841		78.6	10	132				
Surr: p-Terphenyl-d14	1.66		1.841		90.1	30.6	131				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: 10081177-001AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 8/27/2010		RunNo: 139701			
Client ID: P5-GH4-F(22)MSD		Batch ID: 62718		SW3550B		Analysis Date: 9/1/2010		SeqNo: 2722050			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.334	0.007	0.3610	0.01257	88.9	36	135	0.3241	2.91	49.7	
Acenaphthylene	0.339	0.007	0.3610	0.01109	90.7	17.2	167	0.3130	7.87	33.3	
Anthracene	0.340	0.007	0.3610	0	94.2	39.3	124	0.3248	4.60	51.1	
Benzo(a)anthracene	0.315	0.007	0.3610	0.009613	84.6	10	183	0.3145	0.126	40.6	
Benzo(a)pyrene	0.360	0.007	0.3610	0	99.6	10	204	0.3491	2.95	56.4	
Benzo(b)fluoranthene	0.365	0.007	0.3610	0.007394	99.1	10.6	178	0.3565	2.45	49.7	
Benzo(g,h,i)perylene	0.362	0.007	0.3610	0.01035	97.3	10	168	0.3513	2.92	36.5	
Benzo(k)fluoranthene	0.349	0.007	0.3610	0	96.6	27.6	181	0.3373	3.33	42.6	
Bis(2-ethylhexyl)phthalate	0.409	0.145	0.3610	0	113.2	50	150	0.3506	15.3	60.3	
Chrysene	0.354	0.007	0.3610	0.007394	96.0	10	176	0.3396	4.11	45.1	
Dibenzo(a,h)anthracene	0.359	0.007	0.3610	0	99.4	12.2	156	0.3410	5.10	39.9	
Fluoranthene	0.381	0.007	0.3610	0.01183	102.3	10	227	0.3882	1.81	66.2	
Fluorene	0.344	0.007	0.3610	0.008134	93.2	35.2	148	0.3300	4.29	65.6	
Indeno(1,2,3-cd)pyrene	0.365	0.007	0.3610	0	101.0	10	164	0.3506	3.92	36.5	
Naphthalene	0.311	0.007	0.3610	0.03106	77.4	14.7	128	0.3558	13.6	39.6	
Phenanthrene	0.388	0.007	0.3610	0.03697	97.3	32.8	143	0.4088	5.11	35.4	
Pyrene	0.370	0.007	0.3610	0.01627	97.9	10	180	0.3896	5.26	60.1	
Surr: 2-Fluorobiphenyl	0.264		0.3610		73.3	10	131		0	40	
Surr: Nitrobenzene-d5	0.262		0.3610		72.7	10	132		0	40	
Surr: p-Terphenyl-d14	0.339		0.3610		93.8	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: 10081177

Report Date: 02-Sep-10

Sample ID: <b>MB-R139585</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>139585</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139585</b>		Analysis Date: <b>8/30/2010</b>	SeqNo: <b>2719456</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>MB-R139621</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>139621</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139621</b>		Analysis Date: <b>8/31/2010</b>	SeqNo: <b>2720043</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-R139621</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>139621</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139621</b>		Analysis Date: <b>8/31/2010</b>	SeqNo: <b>2720044</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 92.4 85 115

Sample ID: <b>10081177-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>139621</b>							
Client ID: <b>P5-GH4-F(22)MS</b>	Batch ID: <b>R139621</b>		Analysis Date: <b>8/31/2010</b>	SeqNo: <b>2720049</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.45 0.56 1.400 0.2232 87.8 75 125

Sample ID: <b>10081177-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>139621</b>							
Client ID: <b>P5-GH4-F(22)MSD</b>	Batch ID: <b>R139621</b>		Analysis Date: <b>8/31/2010</b>	SeqNo: <b>2720050</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.62 0.57 1.414 0.2232 99.1 75 125 1.453 11.1 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW9012A (TCN) Solid

Lab Order: 10081177

Report Date: 02-Sep-10

Sample ID: <b>MB-R139621</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>139621</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139621</b>		Analysis Date: <b>8/31/2010</b>	SeqNo: <b>2720051</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-R139621</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>139621</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139621</b>		Analysis Date: <b>8/31/2010</b>	SeqNo: <b>2720052</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 90.6 85 115

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10081177

**Report Date:** 02-Sep-10

Carrier: Employee

Received By: TLH

Completed by:

Reviewed by:

On:

On:

27-Aug-10

27-Aug-10

Dawn Brantley

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 0.6
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.



August 31, 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:** 10081177

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 8/27/2010 3:06:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

---

## PRELIMINARY REPORT

A preliminary report contains data that is incomplete or data that has not been fully validated. Caution should be exercised in the use of any data presented, as final reported results may not reflect the values presented.

ENVIRONMENTAL TESTING LABORATORY

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

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10081177

**Report Date:** 31-Aug-10

**Cooler Receipt Temp:** 0.6 °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

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

**WorkOrder:** 10081177

**Client Sample ID:** P5-GH4-F(22)

**Lab ID:** 10081177-001

**Collection Date:** 8/27/2010 8:05:00 AM

**Report Date:** 31-Aug-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		11.6	%	1	8/27/2010 4:30:00 PM	MK
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		88.4	%	1	8/27/2010 4:30:00 PM	MK
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		5.25	mg/Kg-dry	1	8/28/2010 5:16:00 PM	LAL
Barium	NELAP	0.47		19.1	mg/Kg-dry	1	8/28/2010 5:16:00 PM	LAL
Cadmium	NELAP	0.19		1.23	mg/Kg-dry	1	8/29/2010 11:23:27 AM	JMW
Chromium	NELAP	0.94		16.2	mg/Kg-dry	1	8/28/2010 5:16:00 PM	LAL
Lead	NELAP	3.77		24.3	mg/Kg-dry	1	8/29/2010 11:23:27 AM	JMW
Selenium	NELAP	3.77		< 3.77	mg/Kg-dry	1	8/28/2010 5:16:00 PM	LAL
Silver	NELAP	0.94		< 0.94	mg/Kg-dry	1	8/28/2010 5:16:00 PM	LAL
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	11.3		31.7	mg/Kg-dry	1	8/30/2010 10:08:00 AM	DMH
Kerosene	NELAP	11.3		ND	mg/Kg-dry	1	8/30/2010 10:08:00 AM	DMH
Mineral Spirits	NELAP	11.3		ND	mg/Kg-dry	1	8/30/2010 10:08:00 AM	DMH
Motor Oil	NELAP	11.3	#	21.4	mg/Kg-dry	1	8/30/2010 10:08:00 AM	DMH
Surr: n-Tetracontane		50.6-140		93.5	%REC	1	8/30/2010 10:08:00 AM	DMH
<b><u>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
1,2-Dichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
1,3-Dichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
1,4-Dichlorobenzene	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,4-Dichlorophenol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,4-Dimethylphenol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,4-Dinitrophenol	NELAP	2.22		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2-Chloronaphthalene	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2-Chlorophenol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2-Methoxy-4-methylphenol		1.44		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2-Methylnaphthalene	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2-Nitroaniline	NELAP	2.22		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
2-Nitrophenol	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
3-Nitroaniline	NELAP	2.22		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.22		ND	mg/Kg-dry	1	8/30/2010 12:54:00 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:** 10081177  
**Lab ID:** 10081177-001  
**Report Date:** 31-Aug-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-GH4-F(22)  
**Collection Date:** 8/27/2010 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>								
4-Bromophenyl phenyl ether	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
4-Chloroaniline	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
4-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
4-Nitrophenol	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Aniline	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Azobenzene		0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Benzidine	NELAP	2.34		see note	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Benzoic acid	NELAP	3.33		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Benzyl alcohol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Carbazole		1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Dibenzofuran	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Diethyl phthalate	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Dimethyl phthalate	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Hexachlorobenzene	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Hexachlorobutadiene	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Hexachloroethane	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Isophorone	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
m,p-Cresol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Nitrobenzene	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
N-Nitrosodimethylamine	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
o-Cresol	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Pentachlorophenol	NELAP	4.44		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Phenol	NELAP	0.776		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Pyridine	NELAP	1.11		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
1,2-Diphenylhydrazine		1.86		ND	mg/Kg-dry	1	8/30/2010 12:54:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		67.0	%REC	1	8/30/2010 12:54:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		80.4	%REC	1	8/30/2010 12:54:00 PM	DMH

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ENVIRONMENTAL TESTING LABORATORY

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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10081177  
**Lab ID:** 10081177-001  
**Report Date:** 31-Aug-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-GH4-F(22)  
**Collection Date:** 8/27/2010 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>								
Surr: 2-Fluorophenol		30.5-99		76.5	%REC	1	8/30/2010 12:54:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		79.9	%REC	1	8/30/2010 12:54:00 PM	DMH
Surr: Phenol-d5		34.9-110		83.1	%REC	1	8/30/2010 12:54:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		90.3	%REC	1	8/30/2010 12:54:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1,1-Trichloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1,2-Trichloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1-Dichloro-2-propanone		1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1-Dichloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1-Dichloroethene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,1-Dichloropropene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2,3-Trichloropropane	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2,3-Trimethylbenzene		137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2,4-Trimethylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2-Dibromoethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2-Dichlorobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2-Dichloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,2-Dichloropropane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,3-Dichlorobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,3-Dichloropropane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1,4-Dichlorobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
1-Chlorobutane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
2,2-Dichloropropane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
2-Butanone	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
2-Chlorotoluene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
2-Hexanone	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
2-Nitropropane	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
4-Chlorotoluene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Acetone	NELAP	1370	J	280	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Acetonitrile	NELAP	2750		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 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:** 10081177  
**Lab ID:** 10081177-001  
**Report Date:** 31-Aug-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-GH4-F(22)  
**Collection Date:** 8/27/2010 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>								
Acrolein	NELAP	2750		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Acrylonitrile	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Allyl chloride	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Benzene	NELAP	27.5		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Bromobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Bromochloromethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Bromodichloromethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Bromoform	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Bromomethane	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Carbon disulfide	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Carbon tetrachloride	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Chlorobenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Chloroethane	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Chloroform	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Chloromethane	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Cyclohexanone		2750		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Dibromochloromethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Dibromomethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Dichlorodifluoromethane	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Ethyl acetate	NELAP	1370	J	830	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Ethyl ether	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Ethyl methacrylate	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Ethylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Gasoline Range Organics (OA-1)		27500		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Heptane		549		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Hexachlorobutadiene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Hexachloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Iodomethane	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Isopropylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
m,p-Xylenes	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Methacrylonitrile	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Methyl Methacrylate	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Methyl tert-butyl ether	NELAP	54.9		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Methylacrylate		275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Methylene chloride	NELAP	137	J	48	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Naphthalene	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE

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**Collection Date:** 8/27/2010 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>								
n-Butylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
n-Hexane		549		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Nitrobenzene	NELAP	2750		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
n-Propylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
o-Xylene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Pentachloroethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
p-Isopropyltoluene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Propionitrile	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
sec-Butylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Styrene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
tert-Butylbenzene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Tetrachloroethene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Tetrahydrofuran	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Toluene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
trans-1,4-Dichloro-2-butene	NELAP	275		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Trichloroethene	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Trichlorofluoromethane	NELAP	137		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Vinyl acetate	NELAP	1370		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Vinyl chloride	NELAP	54.9		ND	µg/Kg-dry	12.5	8/30/2010 1:17:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		94.5	%REC	12.5	8/30/2010 1:17:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		99.7	%REC	12.5	8/30/2010 1:17:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		91.4	%REC	12.5	8/30/2010 1:17:00 PM	RWE
Surr: Toluene-d8		86-116		101.0	%REC	12.5	8/30/2010 1:17:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		0.013	mg/Kg-dry	1	8/29/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.560		< 0.560	mg/Kg-dry	1	8/31/2010 8:43:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.55	J	0.22	mg/Kg-dry	1	8/31/2010 8:43:00 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 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.

October 04, 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:** 10081266

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 8/31/2010 3:45:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

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

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

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## SAMPLE SUMMARY

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

**Lab Order:** 10081266

**Report Date:** 04-Oct-10

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10081266-001	P5-F4-F(25)	5	8/30/2010 2:15:00 PM

---

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10081266

**Report Date:** 04-Oct-10

**Cooler Receipt Temp:** 3.2 °C

### State accreditations:

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

This is a revised report to change the sample id to P5-F4-F(25), per client request. Please replace your original report dated 9/2/10 for this work order with this revised report.

### 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:** 10081266

**Client Sample ID:** P5-F4-F(25)

**Lab ID:** 10081266-001

**Collection Date:** 8/30/2010 2:15:00 PM

**Report Date:** 04-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		12.9	%	1	8/31/2010 6:00:00 PM	MK
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		87.1	%	1	8/31/2010 6:00:00 PM	MK
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.36		5.61	mg/Kg-dry	1	9/1/2010 3:32:06 PM	LAL
Barium	NELAP	0.47	S	19.9	mg/Kg-dry	1	9/1/2010 3:32:06 PM	LAL
Cadmium	NELAP	0.19		0.26	mg/Kg-dry	1	9/1/2010 3:32:06 PM	LAL
Chromium	NELAP	0.94		15.8	mg/Kg-dry	1	9/1/2010 3:32:06 PM	LAL
Lead	NELAP	3.77	SR	10.7	mg/Kg-dry	1	9/1/2010 3:32:06 PM	LAL
Selenium	NELAP	3.77		< 3.77	mg/Kg-dry	1	9/1/2010 3:32:06 PM	LAL
Silver	NELAP	0.94		< 0.94	mg/Kg-dry	1	9/1/2010 3:32:06 PM	LAL
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	11.5		ND	mg/Kg-dry	1	9/1/2010 2:20:00 PM	DMH
Kerosene	NELAP	11.5		ND	mg/Kg-dry	1	9/1/2010 2:20:00 PM	DMH
Mineral Spirits	NELAP	11.5		ND	mg/Kg-dry	1	9/1/2010 2:20:00 PM	DMH
Motor Oil	NELAP	11.5		ND	mg/Kg-dry	1	9/1/2010 2:20:00 PM	DMH
Surr: n-Tetracontane		50.6-140		86.4	%REC	1	9/1/2010 2:20:00 PM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.008		0.015	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Acenaphthylene	NELAP	0.008		0.014	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Anthracene	NELAP	0.008		0.017	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Benzo(a)anthracene	NELAP	0.008		0.024	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Benzo(a)pyrene	NELAP	0.008		0.023	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Benzo(b)fluoranthene	NELAP	0.008		0.026	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Benzo(g,h,i)perylene	NELAP	0.008		0.020	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Benzo(k)fluoranthene	NELAP	0.008		0.010	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Bis(2-ethylhexyl)phthalate	NELAP	0.152		ND	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Chrysene	NELAP	0.008		0.026	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Dibenzo(a,h)anthracene	NELAP	0.008		ND	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Fluoranthene	NELAP	0.008		0.046	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Fluorene	NELAP	0.008		0.018	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Indeno(1,2,3-cd)pyrene	NELAP	0.008		0.013	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Naphthalene	NELAP	0.008		0.163	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Phenanthrene	NELAP	0.008		0.076	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Pyrene	NELAP	0.008		0.058	mg/Kg-dry	1	9/2/2010 5:04:00 AM	TV
Surr: 2-Fluorobiphenyl		10-131		73.7	%REC	1	9/2/2010 5:04:00 AM	TV
Surr: Nitrobenzene-d5		10-132		71.7	%REC	1	9/2/2010 5:04:00 AM	TV
Surr: p-Terphenyl-d14		30.6-131		92.2	%REC	1	9/2/2010 5:04:00 AM	TV



ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10081266  
**Lab ID:** 10081266-001  
**Report Date:** 04-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-F4-F(25)  
**Collection Date:** 8/30/2010 2:15:00 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>								
1,2,4-Trichlorobenzene	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
1,2-Dichlorobenzene	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
1,3-Dichlorobenzene	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
1,4-Dichlorobenzene	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
2,4,5-Trichlorophenol	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
2,4,6-Trichlorophenol	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
2,4-Dichlorophenol	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
2,4-Dimethylphenol	NELAP	1.12	S	ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
2,4-Dinitrophenol	NELAP	2.25		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
2,4-Dinitrotoluene	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
2,6-Dinitrotoluene	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
2-Chloronaphthalene	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
2-Chlorophenol	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
2-Methoxy-4-methylphenol		1.46		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
2-Methylnaphthalene	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
2-Nitroaniline	NELAP	2.25		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
2-Nitrophenol	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
3,3'-Dichlorobenzidine	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
3-Nitroaniline	NELAP	2.25		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.25		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
4-Bromophenyl phenyl ether	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
4-Chloro-3-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
4-Chloroaniline	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
4-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
4-Nitrophenol	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Aniline	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Azobenzene		0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Benzidine	NELAP	2.37		see note	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Benzoic acid	NELAP	3.37		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Benzyl alcohol	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Bis(2-chloroethyl)ether	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Butyl benzyl phthalate	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Carbazole		1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Dibenzofuran	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Diethyl phthalate	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10081266  
**Lab ID:** 10081266-001  
**Report Date:** 04-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-F4-F(25)  
**Collection Date:** 8/30/2010 2:15:00 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>								
Dimethyl phthalate	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Di-n-butyl phthalate	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Di-n-octyl phthalate	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Hexachlorobenzene	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Hexachlorobutadiene	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Hexachlorocyclopentadiene	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Hexachloroethane	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Isophorone	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
m,p-Cresol	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Nitrobenzene	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
N-Nitrosodimethylamine	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
N-Nitrosodiphenylamine	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
o-Cresol	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Pentachlorophenol	NELAP	4.49		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Phenol	NELAP	0.787		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Pyridine	NELAP	1.12		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
1,2-Diphenylhydrazine		1.89		ND	mg/Kg-dry	1	9/1/2010 1:15:00 PM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		78.6	%REC	1	9/1/2010 1:15:00 PM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		86.7	%REC	1	9/1/2010 1:15:00 PM	DMH
Surr: 2-Fluorophenol		30.5-99		79.0	%REC	1	9/1/2010 1:15:00 PM	DMH
Surr: Nitrobenzene-d5		34.1-101		81.9	%REC	1	9/1/2010 1:15:00 PM	DMH
Surr: Phenol-d5		34.9-110		81.5	%REC	1	9/1/2010 1:15:00 PM	DMH
Surr: p-Terphenyl-d14		41.7-124		100.2	%REC	1	9/1/2010 1:15:00 PM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,1,1-Trichloroethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,1,2-Trichloroethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,1-Dichloro-2-propanone		920		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,1-Dichloroethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,1-Dichloroethene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,1-Dichloropropene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,2,3-Trichloropropane	NELAP	184		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,2,3-Trimethylbenzene		92.0	J	33	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10081266  
**Lab ID:** 10081266-001  
**Report Date:** 04-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-F4-F(25)  
**Collection Date:** 8/30/2010 2:15:00 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>								
1,2,4-Trimethylbenzene	NELAP	92.0	J	25	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,2-Dibromoethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,2-Dichlorobenzene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,2-Dichloroethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,2-Dichloropropane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,3-Dichlorobenzene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,3-Dichloropropane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1,4-Dichlorobenzene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
1-Chlorobutane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
2,2-Dichloropropane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
2-Butanone	NELAP	920		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
2-Chlorotoluene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
2-Hexanone	NELAP	920		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
2-Nitropropane	NELAP	920		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
4-Chlorotoluene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
4-Methyl-2-pentanone	NELAP	920		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Acetone	NELAP	920		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Acetonitrile	NELAP	1840		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Acrolein	NELAP	1840		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Acrylonitrile	NELAP	184		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Allyl chloride	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Benzene	NELAP	18.4		22.5	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Bromobenzene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Bromochloromethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Bromodichloromethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Bromoform	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Bromomethane	NELAP	184		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Carbon disulfide	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Carbon tetrachloride	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Chlorobenzene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Chloroethane	NELAP	184		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Chloroform	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Chloromethane	NELAP	184		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Cyclohexanone		1840		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10081266  
**Lab ID:** 10081266-001  
**Report Date:** 04-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-F4-F(25)  
**Collection Date:** 8/30/2010 2:15:00 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>								
Dibromochloromethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Dibromomethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Dichlorodifluoromethane	NELAP	184		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Ethyl acetate	NELAP	920	J	610	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Ethyl ether	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Ethyl methacrylate	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Ethylbenzene	NELAP	92.0	J	33	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Gasoline Range Organics (OA-1)		18400	J	7500	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Heptane		368		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Hexachlorobutadiene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Hexachloroethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Iodomethane	NELAP	184		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Isopropylbenzene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
m,p-Xylenes	NELAP	92.0		111	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Methacrylonitrile	NELAP	920		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Methyl Methacrylate	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Methyl tert-butyl ether	NELAP	36.8		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Methylacrylate		184		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Methylene chloride	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Naphthalene	NELAP	184		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
n-Butylbenzene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
n-Hexane		368		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Nitrobenzene	NELAP	1840		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
n-Propylbenzene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
o-Xylene	NELAP	92.0	J	44	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Pentachloroethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
p-Isopropyltoluene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Propionitrile	NELAP	920		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
sec-Butylbenzene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Styrene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
tert-Butylbenzene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Tetrachloroethene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Tetrahydrofuran	NELAP	920		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Toluene	NELAP	92.0	J	77	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
trans-1,4-Dichloro-2-butene	NELAP	184		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Trichloroethene	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10081266  
**Lab ID:** 10081266-001  
**Report Date:** 04-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-F4-F(25)  
**Collection Date:** 8/30/2010 2:15:00 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>								
Trichlorofluoromethane	NELAP	92.0		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Vinyl acetate	NELAP	920		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Vinyl chloride	NELAP	36.8		ND	µg/Kg-dry	12.5	9/1/2010 1:21:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		97.3	%REC	12.5	9/1/2010 1:21:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		100	%REC	12.5	9/1/2010 1:21:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		93.6	%REC	12.5	9/1/2010 1:21:00 PM	RWE
Surr: Toluene-d8		86-116		99.3	%REC	12.5	9/1/2010 1:21:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		0.014	mg/Kg-dry	1	9/1/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.574		< 0.574	mg/Kg-dry	1	9/1/2010 4:44:00 PM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.55		< 0.55	mg/Kg-dry	1	9/1/2010 4:44:00 PM	KNS

### Sample Narrative

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

Pb - RPD was outside of QC limit due to sample composition.

Ba and Pb - 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.

2,4-Dimethylphenol was outside upper QC limits in the MSD.

1,2,4-Trichlorobenzene and 2,4-Dimethylphenol were 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.

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:** 10081266

**Report Date:** 04-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10081266-001A	P5-F4-F(25)	8/30/2010	Solid	SW-846 3050B, 6010B, Metals by ICP	8/31/2010 8:01:00 PM	9/1/2010 3:32:06 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	8/31/2010 5:56:17 PM	9/1/2010 2:20:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	8/31/2010 6:23:23 PM	9/2/2010 5:04:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	8/31/2010 7:15:36 PM	9/1/2010 1:15:00 PM
				SW-846 7471A	9/1/2010 8:54:54 AM	9/1/2010
10081266-001B				EPA SW846 3550C, 5035A, ASTM D2974		8/31/2010 6:00:00 PM
				Standard Methods 18th Ed. 2540 G		8/31/2010 6:00:00 PM
				SW-846 9012A		9/1/2010 4:44:00 PM
				SW-846 9012A (Total)		9/1/2010 4:44:00 PM
10081266-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/1/2010 11:08:00 AM
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/1/2010 1:21:00 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: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-R139644</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>139644</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139644</b>		Analysis Date: <b>8/31/2010</b>	SeqNo: <b>2720489</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>139644</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139644</b>		Analysis Date: <b>8/31/2010</b>	SeqNo: <b>2720490</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>10081266-001BDUP</b>	SampType: <b>DUP</b>	Units: %	Prep Date:	RunNo: <b>139644</b>							
Client ID: <b>P5-F4-F(25)DUP</b>	Batch ID: <b>R139644</b>		Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721455</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Solids	87.2	0.1						87.08	0.149	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: 10081266

Report Date: 04-Oct-10

Sample ID: <b>MB-62803</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/31/2010</b>		RunNo: <b>139656</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62803</b>		<b>SOP 3032</b>		Analysis Date: <b>9/1/2010</b>		SeqNo: <b>2720835</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-62803</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/31/2010</b>		RunNo: <b>139656</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62803</b>		<b>SOP 3032</b>		Analysis Date: <b>9/1/2010</b>		SeqNo: <b>2720836</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	96.9	85	115				
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Sample ID: <b>MB-62803</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/31/2010</b>		RunNo: <b>139688</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62803</b>		<b>SOP 3032</b>		Analysis Date: <b>9/1/2010</b>		SeqNo: <b>2721442</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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

Sample ID: <b>LCS-62803</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/31/2010</b>		RunNo: <b>139688</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62803</b>		<b>SOP 3032</b>		Analysis Date: <b>9/1/2010</b>		SeqNo: <b>2721443</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	98.6	85	115				
Barium	196	0.50	200.0	0	98.0	85	115				
Cadmium	4.87	0.20	5.000	0	97.4	85	115				
Chromium	21.0	1.00	20.00	0	104.8	85	115				
Lead	50.6	4.00	50.00	0	101.3	85	115				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW6010B

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-62803</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/31/2010</b>	RunNo: <b>139688</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62803</b>	<b>SOP 3032</b>				Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721443</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Selenium	200	4.00	200.0	0	100	85	115				
Silver	4.83	0.55	5.000	0	96.6	85	115				

Sample ID: <b>10081266-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/31/2010</b>	RunNo: <b>139688</b>					
Client ID: <b>P5-F4-F(25)MS</b>	Batch ID: <b>62803</b>	<b>SOP 3032</b>				Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721448</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Arsenic	177	2.36	188.7	5.613	90.6	75	125				
Barium	169	0.47	188.7	19.89	79.2	75	125				
Cadmium	3.99	0.19	4.717	0.2642	79.0	75	125				
Chromium	33.4	0.94	18.87	15.85	93.0	75	125				
Lead	59.8	3.77	47.17	10.71	104.1	75	125				
Selenium	174	3.77	188.7	0	92.3	75	125				
Silver	4.63	0.52	4.717	0	98.2	75	125				

Sample ID: <b>10081266-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date: <b>8/31/2010</b>	RunNo: <b>139688</b>					
Client ID: <b>P5-F4-F(25)MSD</b>	Batch ID: <b>62803</b>	<b>SOP 3032</b>				Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721449</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Arsenic	174	2.36	188.7	5.613	89.1	75	125	176.6	1.62	20	
Barium	160	0.47	188.7	19.89	74.2	75	125	169.2	5.67	20	S
Cadmium	3.85	0.19	4.717	0.2642	76.0	75	125	3.991	3.61	20	
Chromium	30.7	0.94	18.87	15.85	78.6	75	125	33.40	8.48	20	
Lead	45.9	3.77	47.17	10.71	74.7	75	125	59.81	26.2	20	SR
Selenium	171	3.77	188.7	0	90.7	75	125	174.1	1.75	20	
Silver	4.56	0.52	4.717	0	96.6	75	125	4.632	1.64	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW7471 A

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>MB-62816</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139677</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62816</b>	<b>SOP 3063</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721154</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-62816</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139677</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62816</b>	<b>SOP 3063</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721155</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.246 0.010 0.2500 0 98.2 85 115

Sample ID: <b>10081266-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139677</b>							
Client ID: <b>P5-F4-F(25)MS</b>	Batch ID: <b>62816</b>	<b>SOP 3063</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721161</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.277 0.011 0.2734 0.01367 96.2 75 125

Sample ID: <b>10081266-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139677</b>							
Client ID: <b>P5-F4-F(25)MSD</b>	Batch ID: <b>62816</b>	<b>SOP 3063</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721162</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.308 0.011 0.2734 0.01367 107.8 75 125 0.2767 10.8 15

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8015M/OA2**

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>MB-62804</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139686</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62804</b>	<b>SW3550B</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721299</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	0.50		0.6700		75.3	54.8	128				

Sample ID: <b>LCS-62804</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139686</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62804</b>	<b>SW3550B</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721300</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	12.6	5.00	16.70	0	75.3	40.4	121				
Surr: n-Tetracontane	0.49		0.6700		72.7	54.8	128				

Sample ID: <b>10081266-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139686</b>							
Client ID: <b>P5-F4-F(25)MS</b>	Batch ID: <b>62804</b>	<b>SW3550B</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721302</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	34.1	11.2	37.53	0	90.8	20.3	167				
Surr: n-Tetracontane	1.45		1.506		96.6	53.9	153				

Sample ID: <b>10081266-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139686</b>							
Client ID: <b>P5-F4-F(25)MSD</b>	Batch ID: <b>62804</b>	<b>SW3550B</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721303</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	35.2	11.3	37.90	0	93.0	20.3	167	34.07	3.41	34	
Surr: n-Tetracontane	1.47		1.521		96.5	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: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCSD-A100901-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139660</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62821</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2720811</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	5.00	50.00	0	92.8	0	200	46.65	0.516	20	
1,1,1-Trichloroethane	43.9	5.00	50.00	0	87.8	85.8	124	45.39	3.31	20	
1,1,2,2-Tetrachloroethane	40.1	5.00	50.00	0	80.2	0	200	41.49	3.36	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	41.0	5.00	50.00	0	82.0	0	200	42.25	2.95	20	
1,1,2-Trichloroethane	43.8	5.00	50.00	0	87.5	0	200	44.70	2.13	20	
1,1-Dichloro-2-propanone	91.6	50.0	125.0	0	73.3	0	200	107.4	15.9	20	
1,1-Dichloroethane	41.9	5.00	50.00	0	83.7	0	200	43.35	3.50	20	
1,1-Dichloroethene	40.5	5.00	50.00	0	81.0	60.1	131	40.86	0.885	20	
1,1-Dichloropropene	44.3	5.00	50.00	0	88.6	0	200	45.93	3.61	20	
1,2,3-Trichlorobenzene	53.6	5.00	50.00	0	107.1	0	200	51.63	3.67	20	
1,2,3-Trichloropropane	38.6	10.0	50.00	0	77.2	0	200	39.92	3.34	20	
1,2,3-Trimethylbenzene	44.1	5.00	50.00	0	88.3	0	200	45.25	2.48	20	
1,2,4-Trichlorobenzene	55.3	5.00	50.00	0	110.6	0	200	54.72	1.02	20	
1,2,4-Trimethylbenzene	48.3	5.00	50.00	0	96.7	0	200	48.51	0.351	20	
1,2-Dibromo-3-chloropropane	44.6	5.00	50.00	0	89.1	0	200	44.70	0.291	20	
1,2-Dibromoethane	44.1	5.00	50.00	0	88.2	86.9	119	44.86	1.73	20	
1,2-Dichlorobenzene	47.7	5.00	50.00	0	95.3	88	119	48.32	1.38	20	
1,2-Dichloroethane	40.3	5.00	50.00	0	80.7	73	117	41.71	3.34	20	
1,2-Dichloropropane	45.1	5.00	50.00	0	90.3	0	200	45.89	1.65	20	
1,3,5-Trimethylbenzene	45.2	5.00	50.00	0	90.5	0	200	47.03	3.86	20	
1,3-Dichlorobenzene	48.7	5.00	50.00	0	97.4	85.8	125	49.80	2.27	20	
1,3-Dichloropropane	41.1	5.00	50.00	0	82.2	0	200	41.82	1.71	20	
1,4-Dichlorobenzene	47.6	5.00	50.00	0	95.2	84.5	124	49.42	3.71	20	
1-Chlorobutane	37.3	5.00	50.00	0	74.6	0	200	39.03	4.56	20	
2,2-Dichloropropane	41.5	5.00	50.00	0	83.1	0	200	43.74	5.16	20	
2-Butanone	111	50.0	125.0	0	88.7	45.3	136	112.5	1.44	20	
2-Chlorotoluene	42.5	5.00	50.00	0	85.0	0	200	44.71	5.02	20	
2-Hexanone	124	50.0	125.0	0	98.9	0	200	119.0	3.80	20	
2-Nitropropane	37	50.0	50.00	0	73.4	0	200	38.43	0	20	J
4-Chlorotoluene	43.4	5.00	50.00	0	86.8	0	200	45.24	4.17	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCSD-A100901-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139660</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62821</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2720811</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	103	50.0	125.0	0	82.2	0	200	106.6	3.69	20	
Acetone	135	50.0	125.0	0	108.0	0	200	129.4	4.30	20	
Acrylonitrile	38.3	10.0	50.00	0	76.6	0	200	39.76	3.74	20	
Allyl chloride	38.5	5.00	50.00	0	76.9	0	200	40.78	5.86	20	
Benzene	45.8	1.00	50.00	0	91.5	73.9	109	46.33	1.22	20	
Bromobenzene	47.2	5.00	50.00	0	94.3	0	200	47.81	1.39	20	
Bromochloromethane	41.8	5.00	50.00	0	83.5	0	200	43.31	3.67	20	
Bromodichloromethane	44.6	5.00	50.00	0	89.2	91.3	126	46.38	3.96	20	S
Bromoform	47.4	5.00	50.00	0	94.8	0	200	47.23	0.380	20	
Bromomethane	30.2	10.0	50.00	0	60.4	0	200	30.80	1.97	20	
Carbon disulfide	34.8	5.00	50.00	0	69.5	0	200	35.25	1.40	20	
Carbon tetrachloride	45.1	5.00	50.00	0	90.2	83.3	127	46.83	3.79	20	
Chlorobenzene	46.6	5.00	50.00	0	93.2	85.8	116	47.86	2.62	20	
Chloroethane	31.1	10.0	50.00	0	62.3	0	200	33.60	7.63	20	
Chloroform	44.3	5.00	50.00	0	88.5	80	113	45.79	3.38	20	
Chloromethane	16.4	10.0	50.00	0	32.9	0	200	17.18	4.46	20	
cis-1,2-Dichloroethene	47.3	5.00	50.00	0	94.5	0	200	48.10	1.76	20	
cis-1,3-Dichloropropene	47.5	4.00	50.00	0	95.0	0	200	48.19	1.44	20	
Cyclohexanone	253	100	250.0	0	101.3	0	200	231.8	8.88	20	
Dibromochloromethane	45.6	5.00	50.00	0	91.3	89.1	119	46.36	1.54	20	
Dibromomethane	45.4	5.00	50.00	0	90.7	0	200	46.27	1.96	20	
Dichlorodifluoromethane	6.4	10.0	50.00	0	12.8	0	200	6.210	0	20	J
Ethyl acetate	38	50.0	50.00	0	76.2	0	200	39.77	0	20	J
Ethyl ether	38.8	5.00	50.00	0	77.5	0	200	39.34	1.51	20	
Ethyl methacrylate	41.7	5.00	50.00	0	83.3	0	200	42.45	1.85	20	
Ethylbenzene	47.9	5.00	50.00	0	95.7	84.1	115	48.01	0.292	20	
Heptane	41.9	20.0	50.00	0	83.9	0	200	41.48	1.08	20	
Hexachlorobutadiene	53.9	5.00	50.00	0	107.9	0	200	53.43	0.950	20	
Hexachloroethane	46.8	5.00	50.00	0	93.5	0	200	47.19	0.915	20	
Iodomethane	66.9	10.0	50.00	0	133.8	0	200	63.00	6.03	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCSD-A100901-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139660</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62821</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2720811</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	46.1	5.00	50.00	0	92.1	0	200	47.31	2.68	20	
m,p-Xylenes	102	5.00	100.0	0	101.5	79.1	111	99.63	1.86	20	
Methacrylonitrile	41	50.0	50.00	0	82.0	0	200	42.10	0	20	J
Methyl Methacrylate	43.0	5.00	50.00	0	85.9	0	200	44.45	3.43	20	
Methyl tert-butyl ether	43.5	2.00	50.00	0	86.9	80	128	44.60	2.57	20	
Methylacrylate	40.3	10.0	50.00	0	80.5	0	200	42.10	4.47	20	
Methylene chloride	41.7	5.00	50.00	0	83.4	73.9	116	44.30	6.05	20	
Naphthalene	48.1	10.0	50.00	0	96.2	73.1	135	42.59	12.1	20	
n-Butylbenzene	46.2	5.00	50.00	0	92.4	0	200	48.20	4.28	20	
n-Hexane	35.7	20.0	50.00	0	71.5	0	200	36.18	1.25	20	
Nitrobenzene	41	100	50.00	0	81.4	0	200	0	0	20	J
n-Propylbenzene	44.9	5.00	50.00	0	89.8	0	200	46.15	2.75	20	
o-Xylene	47.0	5.00	50.00	0	94.1	82	117	46.83	0.469	20	
Pentachloroethane	46.0	5.00	50.00	0	91.9	0	200	49.97	8.36	20	
p-Isopropyltoluene	46.7	5.00	50.00	0	93.3	0	200	48.78	4.44	20	
Propionitrile	39	50.0	50.00	0	77.5	0	200	39.59	0	20	J
sec-Butylbenzene	45.3	5.00	50.00	0	90.6	0	200	47.13	3.92	20	
Styrene	45.7	5.00	50.00	0	91.4	0	200	46.79	2.40	20	
tert-Butylbenzene	42.5	5.00	50.00	0	84.9	0	200	43.64	2.72	20	
Tetrachloroethene	52.7	5.00	50.00	0	105.3	74.6	115	49.83	5.54	20	
Tetrahydrofuran	39	50.0	50.00	0	77.2	0	200	41.86	0	20	J
Toluene	47.3	5.00	50.00	0	94.5	79.1	112	45.90	2.92	20	
trans-1,2-Dichloroethene	41.0	5.00	50.00	0	82.0	0	200	42.16	2.79	20	
trans-1,3-Dichloropropene	40.6	4.00	50.00	0	81.2	0	200	42.25	3.98	20	
trans-1,4-Dichloro-2-butene	36.4	10.0	50.00	0	72.7	0	200	38.48	5.69	20	
Trichloroethene	53.1	5.00	50.00	0	106.2	81	111	53.64	1.03	20	
Trichlorofluoromethane	34.3	5.00	50.00	0	68.7	0	200	36.33	5.63	20	
Vinyl acetate	41	50.0	50.00	0	82.4	0	200	44.04	0	20	J
Vinyl chloride	21.9	2.00	50.00	0	43.7	0	200	22.53	3.02	20	
Surr: 1,2-Dichloroethane-d4	41.3		50.00		82.7	72.2	131		0	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-D-A100901-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139660</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62821</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2720811</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	53.3		50.00		106.7	82.1	116		0	20	
Surr: Dibromofluoromethane	50.4		50.00		100.8	77.7	120		0	20	
Surr: Toluene-d8	46.7		50.00		93.5	86	116		0	20	

Sample ID: <b>LCS-A100901-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139660</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62821</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2720812</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	46.6	5.00	50.00	0	93.3	0	200				
1,1,1-Trichloroethane	45.4	5.00	50.00	0	90.8	85.8	124				
1,1,2,2-Tetrachloroethane	41.5	5.00	50.00	0	83.0	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	42.2	5.00	50.00	0	84.5	0	200				
1,1,2-Trichloroethane	44.7	5.00	50.00	0	89.4	0	200				
1,1-Dichloro-2-propanone	107	50.0	125.0	0	86.0	0	200				
1,1-Dichloroethane	43.4	5.00	50.00	0	86.7	0	200				
1,1-Dichloroethene	40.9	5.00	50.00	0	81.7	60.1	131				
1,1-Dichloropropene	45.9	5.00	50.00	0	91.9	0	200				
1,2,3-Trichlorobenzene	51.6	5.00	50.00	0	103.3	0	200				
1,2,3-Trichloropropane	39.9	10.0	50.00	0	79.8	0	200				
1,2,3-Trimethylbenzene	45.2	5.00	50.00	0	90.5	0	200				
1,2,4-Trichlorobenzene	54.7	5.00	50.00	0	109.4	0	200				
1,2,4-Trimethylbenzene	48.5	5.00	50.00	0	97.0	0	200				
1,2-Dibromo-3-chloropropane	44.7	5.00	50.00	0	89.4	0	200				
1,2-Dibromoethane	44.9	5.00	50.00	0	89.7	86.9	119				
1,2-Dichlorobenzene	48.3	5.00	50.00	0	96.6	88	119				
1,2-Dichloroethane	41.7	5.00	50.00	0	83.4	73	117				
1,2-Dichloropropane	45.9	5.00	50.00	0	91.8	0	200				
1,3,5-Trimethylbenzene	47.0	5.00	50.00	0	94.1	0	200				
1,3-Dichlorobenzene	49.8	5.00	50.00	0	99.6	85.8	125				
1,3-Dichloropropane	41.8	5.00	50.00	0	83.6	0	200				



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-A100901-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>9/1/2010</b>	RunNo: <b>139660</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62821</b>	<b>SW5035</b>				Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2720812</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	49.4	5.00	50.00	0	98.8	84.5	124				
1-Chlorobutane	39.0	5.00	50.00	0	78.1	0	200				
2,2-Dichloropropane	43.7	5.00	50.00	0	87.5	0	200				
2-Butanone	112	50.0	125.0	0	90.0	45.3	136				
2-Chlorotoluene	44.7	5.00	50.00	0	89.4	0	200				
2-Hexanone	119	50.0	125.0	0	95.2	0	200				
2-Nitropropane	38	50.0	50.00	0	76.9	0	200				J
4-Chlorotoluene	45.2	5.00	50.00	0	90.5	0	200				
4-Methyl-2-pentanone	107	50.0	125.0	0	85.3	0	200				
Acetone	129	50.0	125.0	0	103.5	0	200				
Acrylonitrile	39.8	10.0	50.00	0	79.5	0	200				
Allyl chloride	40.8	5.00	50.00	0	81.6	0	200				
Benzene	46.3	1.00	50.00	0	92.7	73.9	109				
Bromobenzene	47.8	5.00	50.00	0	95.6	0	200				
Bromochloromethane	43.3	5.00	50.00	0	86.6	0	200				
Bromodichloromethane	46.4	5.00	50.00	0	92.8	91.3	126				
Bromoform	47.2	5.00	50.00	0	94.5	0	200				
Bromomethane	30.8	10.0	50.00	0	61.6	0	200				
Carbon disulfide	35.2	5.00	50.00	0	70.5	0	200				
Carbon tetrachloride	46.8	5.00	50.00	0	93.7	83.3	127				
Chlorobenzene	47.9	5.00	50.00	0	95.7	85.8	116				
Chloroethane	33.6	10.0	50.00	0	67.2	0	200				
Chloroform	45.8	5.00	50.00	0	91.6	80	113				
Chloromethane	17.2	10.0	50.00	0	34.4	0	200				
cis-1,2-Dichloroethene	48.1	5.00	50.00	0	96.2	0	200				
cis-1,3-Dichloropropene	48.2	4.00	50.00	0	96.4	0	200				
Cyclohexanone	232	100	250.0	0	92.7	0	200				
Dibromochloromethane	46.4	5.00	50.00	0	92.7	89.1	119				
Dibromomethane	46.3	5.00	50.00	0	92.5	0	200				
Dichlorodifluoromethane	6.2	10.0	50.00	0	12.4	0	200				J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-A100901-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>9/1/2010</b>	RunNo: <b>139660</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62821</b>	<b>SW5035</b>				Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2720812</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethyl acetate	40	50.0	50.00	0	79.5	0	200				J
Ethyl ether	39.3	5.00	50.00	0	78.7	0	200				
Ethyl methacrylate	42.4	5.00	50.00	0	84.9	0	200				
Ethylbenzene	48.0	5.00	50.00	0	96.0	84.1	115				
Heptane	41.5	20.0	50.00	0	83.0	0	200				
Hexachlorobutadiene	53.4	5.00	50.00	0	106.9	0	200				
Hexachloroethane	47.2	5.00	50.00	0	94.4	0	200				
Iodomethane	63.0	10.0	50.00	0	126.0	0	200				
Isopropylbenzene	47.3	5.00	50.00	0	94.6	0	200				
m,p-Xylenes	99.6	5.00	100.0	0	99.6	79.1	111				
Methacrylonitrile	42	50.0	50.00	0	84.2	0	200				J
Methyl Methacrylate	44.4	5.00	50.00	0	88.9	0	200				
Methyl tert-butyl ether	44.6	2.00	50.00	0	89.2	80	128				
Methylacrylate	42.1	10.0	50.00	0	84.2	0	200				
Methylene chloride	44.3	5.00	50.00	0	88.6	73.9	116				
Naphthalene	42.6	10.0	50.00	0	85.2	73.1	135				
n-Butylbenzene	48.2	5.00	50.00	0	96.4	0	200				
n-Hexane	36.2	20.0	50.00	0	72.4	0	200				
Nitrobenzene	ND	100	50.00	0	0	0	200				
n-Propylbenzene	46.2	5.00	50.00	0	92.3	0	200				
o-Xylene	46.8	5.00	50.00	0	93.7	82	117				
Pentachloroethane	50.0	5.00	50.00	0	99.9	0	200				
p-Isopropyltoluene	48.8	5.00	50.00	0	97.6	0	200				
Propionitrile	40	50.0	50.00	0	79.2	0	200				J
sec-Butylbenzene	47.1	5.00	50.00	0	94.3	0	200				
Styrene	46.8	5.00	50.00	0	93.6	0	200				
tert-Butylbenzene	43.6	5.00	50.00	0	87.3	0	200				
Tetrachloroethene	49.8	5.00	50.00	0	99.7	74.6	115				
Tetrahydrofuran	42	50.0	50.00	0	83.7	0	200				J
Toluene	45.9	5.00	50.00	0	91.8	79.1	112				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-A100901-1</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>9/1/2010</b>		RunNo: <b>139660</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62821</b>		<b>SW5035</b>		Analysis Date: <b>9/1/2010</b>		SeqNo: <b>2720812</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	42.2	5.00	50.00	0	84.3	0	200				
trans-1,3-Dichloropropene	42.2	4.00	50.00	0	84.5	0	200				
trans-1,4-Dichloro-2-butene	38.5	10.0	50.00	0	77.0	0	200				
Trichloroethene	53.6	5.00	50.00	0	107.3	81	111				
Trichlorofluoromethane	36.3	5.00	50.00	0	72.7	0	200				
Vinyl acetate	44	50.0	50.00	0	88.1	0	200				J
Vinyl chloride	22.5	2.00	50.00	0	45.1	0	200				
Surr: 1,2-Dichloroethane-d4	43.2		50.00		86.5	72.2	131				
Surr: 4-Bromofluorobenzene	52.8		50.00		105.6	82.1	116				
Surr: Dibromofluoromethane	50.7		50.00		101.4	77.7	120				
Surr: Toluene-d8	46.3		50.00		92.5	86	116				

Sample ID: <b>MBLK-A100901-1</b>		SampType: <b>MBLK</b>		Units: <b>µg/Kg</b>		Prep Date: <b>9/1/2010</b>		RunNo: <b>139660</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62821</b>		<b>SW5035</b>		Analysis Date: <b>9/1/2010</b>		SeqNo: <b>2720813</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	1.8	5.00									J

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>MBLK-A100901-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139660</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62821</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2720813</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
Bromoform	ND	5.00									
Bromomethane	ND	10.0									
Carbon disulfide	ND	5.00									
Carbon tetrachloride	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: 10081266

Report Date: 04-Oct-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	4.2	5.00									J
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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>MBLK-A100901-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139660</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62821</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2720813</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	ND	5.00									
o-Xylene	1.5	5.00									J
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	1.8	5.00									J
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	44.8		50.00		89.6	72.2	131				
Surr: 4-Bromofluorobenzene	52.5		50.00		104.9	82.1	116				
Surr: Dibromofluoromethane	50.9		50.00		101.8	77.7	120				
Surr: Toluene-d8	47.8		50.00		95.7	86	116				

Sample ID: <b>LCS-G100901-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721031</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.1	5.00	50.00	0	100.2	0	200				
1,1,1-Trichloroethane	47.6	5.00	50.00	0	95.2	85.8	124				
1,1,2,2-Tetrachloroethane	47.6	5.00	50.00	0	95.2	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-G100901-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>				Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721031</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloro-1,2,2-trifluoroethane	39.9	5.00	50.00	0	79.8	0	200				
1,1,2-Trichloroethane	48.9	5.00	50.00	0	97.8	0	200				
1,1-Dichloro-2-propanone	116	50.0	125.0	0	92.8	0	200				
1,1-Dichloroethane	45.2	5.00	50.00	0	90.5	0	200				
1,1-Dichloroethene	39.3	5.00	50.00	0	78.7	60.1	131				
1,1-Dichloropropene	46.6	5.00	50.00	0	93.1	0	200				
1,2,3-Trichlorobenzene	54.6	5.00	50.00	0	109.2	0	200				
1,2,3-Trichloropropane	47.0	10.0	50.00	0	94.0	0	200				
1,2,3-Trimethylbenzene	50.0	5.00	50.00	0	100	0	200				
1,2,4-Trichlorobenzene	56.9	5.00	50.00	0	113.7	0	200				
1,2,4-Trimethylbenzene	50.8	5.00	50.00	0	101.5	0	200				
1,2-Dibromo-3-chloropropane	50.6	5.00	50.00	0	101.3	0	200				
1,2-Dibromoethane	49.0	5.00	50.00	0	98.0	86.9	119				
1,2-Dichlorobenzene	48.9	5.00	50.00	0	97.8	88	119				
1,2-Dichloroethane	48.0	5.00	50.00	0	95.9	73	117				
1,2-Dichloropropane	49.0	5.00	50.00	0	98.0	0	200				
1,3,5-Trimethylbenzene	48.6	5.00	50.00	0	97.2	0	200				
1,3-Dichlorobenzene	49.6	5.00	50.00	0	99.3	85.8	125				
1,3-Dichloropropane	46.8	5.00	50.00	0	93.7	0	200				
1,4-Dichlorobenzene	49.1	5.00	50.00	0	98.2	84.5	124				
1-Chlorobutane	41.8	5.00	50.00	0	83.7	0	200				
2,2-Dichloropropane	47.0	5.00	50.00	0	93.9	0	200				
2-Butanone	135	50.0	125.0	0	107.9	45.3	136				
2-Chlorotoluene	48.5	5.00	50.00	0	97.0	0	200				
2-Hexanone	138	50.0	125.0	0	110.7	0	200				
2-Nitropropane	51.8	50.0	50.00	0	103.7	0	200				
4-Chlorotoluene	49.3	5.00	50.00	0	98.5	0	200				
4-Methyl-2-pentanone	133	50.0	125.0	0	106.5	0	200				
Acetone	177	50.0	125.0	0	141.7	0	200				
Acrylonitrile	45.6	10.0	50.00	0	91.3	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-G100901-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>				Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721031</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Allyl chloride	42.1	5.00	50.00	0	84.2	0	200				
Benzene	46.6	1.00	50.00	0	93.1	73.9	109				
Bromobenzene	48.2	5.00	50.00	0	96.5	0	200				
Bromochloromethane	46.7	5.00	50.00	0	93.4	0	200				
Bromodichloromethane	50.2	5.00	50.00	0	100.5	91.3	126				
Bromoform	52.6	5.00	50.00	0	105.3	0	200				
Bromomethane	32.7	10.0	50.00	0	65.3	0	200				
Carbon disulfide	34.8	5.00	50.00	0	69.7	0	200				
Carbon tetrachloride	48.2	5.00	50.00	0	96.4	83.3	127				
Chlorobenzene	48.8	5.00	50.00	0	97.6	85.8	116				
Chloroethane	33.3	10.0	50.00	0	66.6	0	200				
Chloroform	48.6	5.00	50.00	0	97.2	80	113				
Chloromethane	20.1	10.0	50.00	0	40.3	0	200				
cis-1,2-Dichloroethene	48.0	5.00	50.00	0	96.1	0	200				
cis-1,3-Dichloropropene	50.8	4.00	50.00	0	101.7	0	200				
Cyclohexanone	263	100	250.0	0	105.3	0	200				
Dibromochloromethane	50.3	5.00	50.00	0	100.7	89.1	119				
Dibromomethane	49.6	5.00	50.00	0	99.2	0	200				
Dichlorodifluoromethane	7.1	10.0	50.00	0	14.2	0	200				J
Ethyl acetate	48	50.0	50.00	0	95.8	0	200				J
Ethyl ether	43.1	5.00	50.00	0	86.1	0	200				
Ethyl methacrylate	53.6	5.00	50.00	0	107.1	0	200				
Ethylbenzene	48.8	5.00	50.00	0	97.5	84.1	115				
Heptane	42.9	20.0	50.00	0	85.8	0	200				
Hexachlorobutadiene	51.6	5.00	50.00	0	103.2	0	200				
Hexachloroethane	48.6	5.00	50.00	0	97.3	0	200				
Iodomethane	44.6	10.0	50.00	0	89.3	0	200				
Isopropylbenzene	49.9	5.00	50.00	0	99.8	0	200				
m,p-Xylenes	100	5.00	100.0	0	100	79.1	111				
Methacrylonitrile	48	50.0	50.00	0	95.0	0	200				J



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-G100901-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>				Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>				
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>				Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721031</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl Methacrylate	52.6	5.00	50.00	0	105.2	0	200				
Methyl tert-butyl ether	48.3	2.00	50.00	0	96.6	80	128				
Methylacrylate	49.9	10.0	50.00	0	99.7	0	200				
Methylene chloride	42.9	5.00	50.00	0	85.7	73.9	116				
Naphthalene	55.5	10.0	50.00	0	111.0	73.1	135				
n-Butylbenzene	54.2	5.00	50.00	0	108.3	0	200				
n-Hexane	37.5	20.0	50.00	0	75.0	0	200				
Nitrobenzene	52	100	50.00	0	103.9	0	200				J
n-Propylbenzene	49.1	5.00	50.00	0	98.2	0	200				
o-Xylene	49.6	5.00	50.00	0	99.2	82	117				
Pentachloroethane	53.6	5.00	50.00	0	107.2	0	200				
p-Isopropyltoluene	49.9	5.00	50.00	0	99.8	0	200				
Propionitrile	54.3	50.0	50.00	0	108.7	0	200				
sec-Butylbenzene	49.4	5.00	50.00	0	98.7	0	200				
Styrene	52.0	5.00	50.00	0	104.0	0	200				
tert-Butylbenzene	49.0	5.00	50.00	0	97.9	0	200				
Tetrachloroethene	47.9	5.00	50.00	0	95.7	74.6	115				
Tetrahydrofuran	46	50.0	50.00	0	92.8	0	200				J
Toluene	46.4	5.00	50.00	0	92.9	79.1	112				
trans-1,2-Dichloroethene	43.5	5.00	50.00	0	87.0	0	200				
trans-1,3-Dichloropropene	49.5	4.00	50.00	0	99.1	0	200				
trans-1,4-Dichloro-2-butene	47.6	10.0	50.00	0	95.1	0	200				
Trichloroethene	49.8	5.00	50.00	0	99.7	81	111				
Trichlorofluoromethane	34.6	5.00	50.00	0	69.3	0	200				
Vinyl acetate	50.8	50.0	50.00	0	101.6	0	200				
Vinyl chloride	27.0	2.00	50.00	0	54.0	0	200				
Surr: 1,2-Dichloroethane-d4	49.3		50.00		98.7	72.2	131				
Surr: 4-Bromofluorobenzene	52.1		50.00		104.2	82.1	116				
Surr: Dibromofluoromethane	51.7		50.00		103.4	77.7	120				
Surr: Toluene-d8	48.6		50.00		97.1	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-D-G100901-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>					
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>				Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721032</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	51.8	5.00	50.00	0	103.5	0	200	50.12	3.20	20		
1,1,1-Trichloroethane	48.7	5.00	50.00	0	97.4	85.8	124	47.60	2.33	20		
1,1,2,2-Tetrachloroethane	51.4	5.00	50.00	0	102.8	0	200	47.58	7.68	20		
1,1,2-Trichloro-1,2,2-trifluoroethane	39.9	5.00	50.00	0	79.8	0	200	39.88	0	20		
1,1,2-Trichloroethane	50.6	5.00	50.00	0	101.2	0	200	48.88	3.50	20		
1,1-Dichloro-2-propanone	136	50.0	125.0	0	108.6	0	200	116.1	15.6	20		
1,1-Dichloroethane	46.0	5.00	50.00	0	92.0	0	200	45.25	1.69	20		
1,1-Dichloroethene	40.1	5.00	50.00	0	80.3	60.1	131	39.33	2.04	20		
1,1-Dichloropropene	46.9	5.00	50.00	0	93.7	0	200	46.57	0.642	20		
1,2,3-Trichlorobenzene	56.3	5.00	50.00	0	112.6	0	200	54.60	3.08	20		
1,2,3-Trichloropropane	51.2	10.0	50.00	0	102.3	0	200	47.00	8.46	20		
1,2,3-Trimethylbenzene	51.0	5.00	50.00	0	101.9	0	200	50.00	1.92	20		
1,2,4-Trichlorobenzene	57.8	5.00	50.00	0	115.7	0	200	56.87	1.71	20		
1,2,4-Trimethylbenzene	51.4	5.00	50.00	0	102.8	0	200	50.75	1.29	20		
1,2-Dibromo-3-chloropropane	57.0	5.00	50.00	0	114.1	0	200	50.64	11.9	20		
1,2-Dibromoethane	51.4	5.00	50.00	0	102.7	86.9	119	49.01	4.70	20		
1,2-Dichlorobenzene	50.5	5.00	50.00	0	100.9	88	119	48.90	3.16	20		
1,2-Dichloroethane	49.5	5.00	50.00	0	99.0	73	117	47.96	3.14	20		
1,2-Dichloropropane	49.1	5.00	50.00	0	98.3	0	200	49.00	0.285	20		
1,3,5-Trimethylbenzene	49.6	5.00	50.00	0	99.3	0	200	48.62	2.06	20		
1,3-Dichlorobenzene	50.7	5.00	50.00	0	101.3	85.8	125	49.64	2.03	20		
1,3-Dichloropropane	48.6	5.00	50.00	0	97.2	0	200	46.83	3.69	20		
1,4-Dichlorobenzene	50.1	5.00	50.00	0	100.2	84.5	124	49.08	2.02	20		
1-Chlorobutane	42.3	5.00	50.00	0	84.6	0	200	41.85	1.05	20		
2,2-Dichloropropane	47.5	5.00	50.00	0	95.0	0	200	46.95	1.14	20		
2-Butanone	152	50.0	125.0	0	121.8	45.3	136	134.9	12.1	20		
2-Chlorotoluene	49.5	5.00	50.00	0	99.0	0	200	48.50	2.00	20		
2-Hexanone	151	50.0	125.0	0	121.0	0	200	138.4	8.88	20		
2-Nitropropane	54.8	50.0	50.00	0	109.6	0	200	51.85	5.51	20		
4-Chlorotoluene	50.2	5.00	50.00	0	100.4	0	200	49.26	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: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCSD-G100901-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721032</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	143	50.0	125.0	0	114.6	0	200	133.1	7.36	20	
Acetone	196	50.0	125.0	0	156.6	0	200	177.2	9.99	20	
Acrylonitrile	48.7	10.0	50.00	0	97.3	0	200	45.63	6.45	20	
Allyl chloride	42.5	5.00	50.00	0	85.0	0	200	42.12	0.922	20	
Benzene	47.0	1.00	50.00	0	94.1	73.9	109	46.56	1.03	20	
Bromobenzene	49.7	5.00	50.00	0	99.4	0	200	48.24	2.98	20	
Bromochloromethane	47.5	5.00	50.00	0	95.0	0	200	46.70	1.72	20	
Bromodichloromethane	51.3	5.00	50.00	0	102.6	91.3	126	50.25	2.09	20	
Bromoform	55.3	5.00	50.00	0	110.6	0	200	52.65	4.89	20	
Bromomethane	32.3	10.0	50.00	0	64.5	0	200	32.67	1.23	20	
Carbon disulfide	34.9	5.00	50.00	0	69.8	0	200	34.84	0.229	20	
Carbon tetrachloride	49.5	5.00	50.00	0	99.1	83.3	127	48.18	2.78	20	
Chlorobenzene	49.7	5.00	50.00	0	99.4	85.8	116	48.78	1.87	20	
Chloroethane	33.6	10.0	50.00	0	67.2	0	200	33.32	0.837	20	
Chloroform	49.6	5.00	50.00	0	99.2	80	113	48.62	2.02	20	
Chloromethane	20.4	10.0	50.00	0	40.8	0	200	20.14	1.28	20	
cis-1,2-Dichloroethene	49.2	5.00	50.00	0	98.4	0	200	48.03	2.39	20	
cis-1,3-Dichloropropene	51.9	4.00	50.00	0	103.9	0	200	50.85	2.12	20	
Cyclohexanone	285	100	250.0	0	114.1	0	200	263.2	8.02	20	
Dibromochloromethane	52.4	5.00	50.00	0	104.8	89.1	119	50.33	4.01	20	
Dibromomethane	51.4	5.00	50.00	0	102.9	0	200	49.60	3.64	20	
Dichlorodifluoromethane	7.0	10.0	50.00	0	13.9	0	200	7.100	0	20	J
Ethyl acetate	50	50.0	50.00	0	99.3	0	200	47.90	0	20	J
Ethyl ether	44.8	5.00	50.00	0	89.7	0	200	43.06	4.05	20	
Ethyl methacrylate	56.4	5.00	50.00	0	112.8	0	200	53.55	5.22	20	
Ethylbenzene	49.8	5.00	50.00	0	99.6	84.1	115	48.75	2.13	20	
Heptane	42.2	20.0	50.00	0	84.4	0	200	42.92	1.74	20	
Hexachlorobutadiene	52.9	5.00	50.00	0	105.7	0	200	51.60	2.41	20	
Hexachloroethane	50.1	5.00	50.00	0	100.2	0	200	48.64	2.96	20	
Iodomethane	46.2	10.0	50.00	0	92.5	0	200	44.64	3.54	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCSD-G100901-1</b>	SampType: <b>LCSD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721032</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	51.0	5.00	50.00	0	102.0	0	200	49.90	2.22	20	
m,p-Xylenes	101	5.00	100.0	0	101.2	79.1	111	99.96	1.22	20	
Methacrylonitrile	51.1	50.0	50.00	0	102.1	0	200	47.50	7.22	20	
Methyl Methacrylate	56.1	5.00	50.00	0	112.2	0	200	52.59	6.44	20	
Methyl tert-butyl ether	50.6	2.00	50.00	0	101.2	80	128	48.32	4.61	20	
Methylacrylate	53.1	10.0	50.00	0	106.2	0	200	49.87	6.25	20	
Methylene chloride	44.4	5.00	50.00	0	88.8	73.9	116	42.86	3.48	20	
Naphthalene	58.1	10.0	50.00	0	116.2	73.1	135	55.48	4.60	20	
n-Butylbenzene	54.2	5.00	50.00	0	108.5	0	200	54.16	0.148	20	
n-Hexane	36.9	20.0	50.00	0	73.8	0	200	37.50	1.67	20	
Nitrobenzene	44	100	50.00	0	87.1	0	200	51.95	0	20	J
n-Propylbenzene	50.0	5.00	50.00	0	100	0	200	49.08	1.90	20	
o-Xylene	50.2	5.00	50.00	0	100.5	82	117	49.58	1.32	20	
Pentachloroethane	55.4	5.00	50.00	0	110.7	0	200	53.58	3.25	20	
p-Isopropyltoluene	51.3	5.00	50.00	0	102.5	0	200	49.88	2.75	20	
Propionitrile	53.7	50.0	50.00	0	107.4	0	200	54.33	1.13	20	
sec-Butylbenzene	50.1	5.00	50.00	0	100.3	0	200	49.35	1.59	20	
Styrene	53.4	5.00	50.00	0	106.7	0	200	51.98	2.62	20	
tert-Butylbenzene	49.8	5.00	50.00	0	99.6	0	200	48.95	1.72	20	
Tetrachloroethene	48.1	5.00	50.00	0	96.1	74.6	115	47.86	0.417	20	
Tetrahydrofuran	50	50.0	50.00	0	99.0	0	200	46.42	0	20	J
Toluene	47.0	5.00	50.00	0	94.0	79.1	112	46.44	1.20	20	
trans-1,2-Dichloroethene	44.3	5.00	50.00	0	88.6	0	200	43.51	1.75	20	
trans-1,3-Dichloropropene	50.7	4.00	50.00	0	101.4	0	200	49.53	2.37	20	
trans-1,4-Dichloro-2-butene	51.2	10.0	50.00	0	102.3	0	200	47.55	7.33	20	
Trichloroethene	50.4	5.00	50.00	0	100.7	81	111	49.85	1.04	20	
Trichlorofluoromethane	35.4	5.00	50.00	0	70.8	0	200	34.64	2.14	20	
Vinyl acetate	54.1	50.0	50.00	0	108.2	0	200	50.80	6.33	20	
Vinyl chloride	27.5	2.00	50.00	0	55.0	0	200	27.00	1.76	20	
Surr: 1,2-Dichloroethane-d4	49.8		50.00		99.7	72.2	131		0	20	

Client: PSC Industrial Outsourcing, LP

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Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-D-G100901-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721032</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	52.3		50.00		104.6	82.1	116		0	20	
Surr: Dibromofluoromethane	51.7		50.00		103.4	77.7	120		0	20	
Surr: Toluene-d8	48.5		50.00		97.0	86	116		0	20	

Sample ID: <b>MBLK-G100901-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721033</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									

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# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>MBLK-G100901-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721033</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									

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Test Number: SW8260B

Lab Order: 10081266

Report Date: 04-Oct-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									
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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

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Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>MBLK-G100901-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721033</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	48.5		50.00		97.1	72.2	131				
Surr: 4-Bromofluorobenzene	50.0		50.00		100.1	82.1	116				
Surr: Dibromofluoromethane	49.4		50.00		98.8	77.7	120				
Surr: Toluene-d8	50.0		50.00		100	86	116				

Sample ID: <b>LCSG-G100901-1</b>	SampType: <b>LCSG</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721035</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	1920	1000	2000	0	96.0	70	130				
Surr: 1,2-Dichloroethane-d4	49.7		50.00		99.4	61	128				
Surr: 4-Bromofluorobenzene	51.8		50.00		103.5	78.2	117				
Surr: Dibromofluoromethane	48.9		50.00		97.9	66.6	130				
Surr: Toluene-d8	49.0		50.00		98.0	80.1	122				

Sample ID: <b>LCSGD-G100901-1</b>	SampType: <b>LCSGD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721036</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	96.7	70	130	1919	0.743	20	



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCSGD-G100901-1</b>	SampType: <b>LCSGD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/1/2010</b>	RunNo: <b>139671</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62826</b>	<b>SW5035</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721036</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	49.4		50.00		98.9	61	128		0	0	
Surr: 4-Bromofluorobenzene	52.0		50.00		104.0	78.2	117		0	0	
Surr: Dibromofluoromethane	49.6		50.00		99.2	66.6	130		0	0	
Surr: Toluene-d8	49.1		50.00		98.2	80.1	122		0	0	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>MB-62807</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139685</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62807</b>	<b>SW3550B</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721291</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.500									
1,2-Dichlorobenzene	ND	0.500									
1,3-Dichlorobenzene	ND	0.500									
1,4-Dichlorobenzene	ND	0.500									
2,4,5-Trichlorophenol	ND	0.350									
2,4,6-Trichlorophenol	ND	0.350									
2,4-Dichlorophenol	ND	0.500									
2,4-Dimethylphenol	ND	0.500									
2,4-Dinitrophenol	ND	1.00									
2,4-Dinitrotoluene	ND	0.350									
2,6-Dinitrotoluene	ND	0.350									
2-Chloronaphthalene	ND	0.350									
2-Chlorophenol	ND	0.500									
2-Methoxy-4-methylphenol	ND	0.650									
2-Methylnaphthalene	ND	0.350									
2-Nitroaniline	ND	1.00									
2-Nitrophenol	ND	0.350									
3,3'-Dichlorobenzidine	ND	0.350									
3-Nitroaniline	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	1.00									
4-Bromophenyl phenyl ether	ND	0.350									
4-Chloro-3-methylphenol	ND	0.500									
4-Chloroaniline	ND	0.500									
4-Chlorophenyl phenyl ether	ND	0.350									
4-Nitroaniline	ND	0.500									
4-Nitrophenol	ND	0.350									
Acenaphthene	ND	0.350									
Acenaphthylene	ND	0.350									
Aniline	ND	0.500									
Anthracene	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10081266

Report Date: 04-Oct-10

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: <b>MB-62807</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139685</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62807</b>	<b>SW3550B</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721291</b>							
Azobenzene	ND	0.350									
Benzidine	ND	1.06									
Benzo(a)anthracene	ND	0.350									
Benzo(a)pyrene	ND	0.350									
Benzo(b)fluoranthene	ND	0.350									
Benzo(g,h,i)perylene	ND	0.350									
Benzo(k)fluoranthene	ND	0.350									
Benzoic acid	ND	1.50									
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Bis(2-ethylhexyl)phthalate	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Chrysene	ND	0.350									
Dibenzo(a,h)anthracene	ND	0.350									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Fluoranthene	ND	0.350									
Fluorene	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.350									
Isophorone	ND	0.350									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>MB-62807</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139685</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62807</b>	<b>SW3550B</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721291</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Cresol	ND	0.500									
Naphthalene	ND	0.350									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenanthrene	ND	0.350									
Phenol	ND	0.350									
Pyrene	ND	0.500									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.57		1.670		93.8	52.1	113				
Surr: 2-Fluorobiphenyl	0.713		0.8350		85.4	46.3	106				
Surr: 2-Fluorophenol	1.34		1.670		80.2	50.6	89				
Surr: Nitrobenzene-d5	0.680		0.8350		81.5	42.4	99.2				
Surr: Phenol-d5	1.39		1.670		83.1	55.9	98.5				
Surr: p-Terphenyl-d14	0.896		0.8350		107.4	45.5	115				

Sample ID: <b>LCS-62807</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139685</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62807</b>	<b>SW3550B</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721292</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.55	0.500	1.670	0	92.6	43.9	92.2				S
1,4-Dichlorobenzene	1.36	0.500	1.670	0	81.2	43.8	84.1				
2,4,5-Trichlorophenol	3.07	0.350	3.330	0	92.0	38.6	123				
2,4,6-Trichlorophenol	3.07	0.350	3.330	0	92.3	35.9	123				
2,4-Dimethylphenol	3.08	0.500	3.330	0	92.4	38.3	88				S
2,4-Dinitrophenol	3.39	1.00	3.330	0	101.9	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: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-62807</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139685</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62807</b>	<b>SW3550B</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721292</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.63	0.350	1.670	0	97.5	48.6	102				
2-Chlorophenol	2.72	0.500	3.330	0	81.8	46.6	84				
4-Chloro-3-methylphenol	3.14	0.500	3.330	0	94.3	51.5	94.9				
4-Nitrophenol	3.15	0.350	3.330	0	94.6	53.2	104				
Acenaphthene	1.58	0.350	1.670	0	94.6	50.8	113				
Acenaphthylene	1.67	0.350	1.670	0	100.3	52.8	121				
Anthracene	1.51	0.350	1.670	0	90.6	53.3	115				
Benzo(a)anthracene	1.44	0.350	1.670	0	86.1	62.3	110				
Benzo(a)pyrene	1.52	0.350	1.670	0	91.0	58.2	109				
Benzo(b)fluoranthene	1.50	0.350	1.670	0	90.0	51.8	107				
Benzo(g,h,i)perylene	1.38	0.350	1.670	0	82.4	49.6	121				
Benzo(k)fluoranthene	1.60	0.350	1.670	0	96.0	63.1	129				
Bis(2-ethylhexyl)phthalate	1.59	0.350	1.670	0	95.3	56.3	109				
Chrysene	1.61	0.350	1.670	0	96.3	58.4	115				
Dibenzo(a,h)anthracene	1.51	0.350	1.670	0	90.4	54.9	120				
Diethyl phthalate	2.93	0.500	3.330	0	87.9	51.7	106				
Dimethyl phthalate	3.00	0.350	3.330	0	90.1	58.8	104				
Di-n-butyl phthalate	1.68	0.350	1.670	0	100.5	54.3	105				
Fluoranthene	1.72	0.350	1.670	0	102.8	61.6	113				
Fluorene	1.62	0.350	1.670	0	97.0	52.2	116				
Hexachlorobenzene	3.20	0.350	3.330	0	96.2	55.9	106				
Hexachlorobutadiene	2.79	0.500	3.330	0	83.8	35.7	100				
Hexachloroethane	2.54	0.500	3.330	0	76.4	38.9	89.9				
Indeno(1,2,3-cd)pyrene	1.48	0.350	1.670	0	88.6	52.7	115				
m,p-Cresol	1.45	0.500	1.670	0	87.0	37.6	93.7				
Naphthalene	1.46	0.350	1.670	0	87.6	45.7	101				
Nitrobenzene	2.66	0.500	3.330	0	79.8	51.8	104				
N-Nitroso-di-n-propylamine	1.46	0.500	1.670	0	87.5	49.1	94.5				
o-Cresol	1.53	0.500	1.670	0	91.8	43	101				
Pentachlorophenol	3.10	2.00	3.330	0	93.0	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: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-62807</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/31/2010</b>		RunNo: <b>139685</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62807</b>		<b>SW3550B</b>		Analysis Date: <b>9/1/2010</b>		SeqNo: <b>2721292</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.62	0.350	1.670	0	97.1	52.9	113				
Phenol	2.68	0.350	3.330	0	80.6	41.6	81.3				
Pyrene	1.65	0.500	1.670	0	98.9	60.7	115				
Pyridine	2.12	0.500	3.330	0	63.8	3.61	74.3				
Surr: 2,4,6-Tribromophenol	1.61		1.670		96.3	52.1	113				
Surr: 2-Fluorobiphenyl	0.738		0.8350		88.4	46.3	106				
Surr: 2-Fluorophenol	1.34		1.670		80.5	50.6	89				
Surr: Nitrobenzene-d5	0.628		0.8350		75.2	42.4	99.2				
Surr: Phenol-d5	1.38		1.670		82.9	55.9	98.5				
Surr: p-Terphenyl-d14	0.843		0.8350		100.9	45.5	115				

Sample ID: <b>10081266-001AMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/31/2010</b>		RunNo: <b>139685</b>			
Client ID: <b>P5-F4-F(25)MS</b>		Batch ID: <b>62807</b>		<b>SW3550B</b>		Analysis Date: <b>9/1/2010</b>		SeqNo: <b>2721294</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3.08	1.13	3.763	0	82.0	35.9	102				
1,4-Dichlorobenzene	2.69	1.13	3.763	0	71.5	29.8	95.5				
2,4,5-Trichlorophenol	5.99	0.789	7.503	0	79.9	38.6	123				
2,4,6-Trichlorophenol	5.98	0.789	7.503	0	79.7	35.9	123				
2,4-Dimethylphenol	6.38	1.13	7.503	0	85.0	38.3	88				
2,4-Dinitrophenol	5.18	2.25	7.503	0	69.0	1.88	162				
2,4-Dinitrotoluene	3.42	0.789	3.763	0	90.8	37.5	107				
2-Chlorophenol	5.13	1.13	7.503	0	68.4	22.6	108				
4-Chloro-3-methylphenol	6.41	1.13	7.503	0	85.4	19.3	131				
4-Nitrophenol	6.37	0.789	7.503	0	84.9	27.6	123				
Diethyl phthalate	6.09	1.13	7.503	0	81.2	51.7	106				
Dimethyl phthalate	6.17	0.789	7.503	0	82.2	58.8	104				
Di-n-butyl phthalate	3.50	0.789	3.763	0	93.0	54.3	105				
Hexachlorobenzene	6.63	0.789	7.503	0	88.4	55.9	106				
Hexachlorobutadiene	5.67	1.13	7.503	0	75.5	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: 10081266

Report Date: 04-Oct-10

Sample ID: <b>10081266-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139685</b>
Client ID: <b>P5-F4-F(25)MS</b>	Batch ID: <b>62807</b>	<b>SW3550B</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721294</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	4.96	1.13	7.503	0	66.1	38.9	89.9				
m,p-Cresol	2.86	1.13	3.763	0	76.0	37.6	93.7				
Nitrobenzene	5.35	1.13	7.503	0	71.3	51.8	104				
N-Nitroso-di-n-propylamine	2.99	1.13	3.763	0	79.4	45.5	99.1				
o-Cresol	2.97	1.13	3.763	0	78.9	43	101				
Pentachlorophenol	5.19	4.51	7.503	0	69.1	18.5	113				
Phenol	5.14	0.789	7.503	0	68.5	20.8	110				
Pyridine	4.28	1.13	7.503	0	57.1	3.61	74.3				
Surr: 2,4,6-Tribromophenol	3.13		3.763		83.1	32.7	130				
Surr: 2-Fluorobiphenyl	1.53		1.881		81.2	34.1	116				
Surr: 2-Fluorophenol	2.59		3.763		68.7	30.5	99				
Surr: Nitrobenzene-d5	1.25		1.881		66.5	34.1	101				
Surr: Phenol-d5	2.72		3.763		72.4	34.9	110				
Surr: p-Terphenyl-d14	1.82		1.881		96.7	41.7	124				

Sample ID: <b>10081266-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139685</b>
Client ID: <b>P5-F4-F(25)MSD</b>	Batch ID: <b>62807</b>	<b>SW3550B</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721295</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	3.63	1.14	3.818	0	95.0	35.9	102	3.085	16.2	40	
1,4-Dichlorobenzene	3.29	1.14	3.818	0	86.1	29.8	95.5	2.691	19.9	40	
2,4,5-Trichlorophenol	6.99	0.800	7.613	0	91.9	38.6	123	5.993	15.4	40	
2,4,6-Trichlorophenol	7.07	0.800	7.613	0	92.8	35.9	123	5.980	16.6	40	
2,4-Dimethylphenol	7.54	1.14	7.613	0	99.1	38.3	88	6.381	16.7	40	S
2,4-Dinitrophenol	5.83	2.29	7.613	0	76.6	1.88	162	5.176	11.9	40	
2,4-Dinitrotoluene	3.87	0.800	3.818	0	101.3	37.5	107	3.418	12.4	40	
2-Chlorophenol	6.34	1.14	7.613	0	83.2	22.6	108	5.135	20.9	40	
4-Chloro-3-methylphenol	7.50	1.14	7.613	0	98.5	19.3	131	6.406	15.7	40	
4-Nitrophenol	7.31	0.800	7.613	0	96.0	27.6	123	6.367	13.7	40	
Diethyl phthalate	6.80	1.14	7.613	0	89.3	51.7	106	6.095	10.9	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>10081266-001AMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>8/31/2010</b>		RunNo: <b>139685</b>			
Client ID: <b>P5-F4-F(25)MSD</b>		Batch ID: <b>62807</b>		<b>SW3550B</b>		Analysis Date: <b>9/1/2010</b>		SeqNo: <b>2721295</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	6.92	0.800	7.613	0	90.9	58.8	104	6.171	11.4	40	
Di-n-butyl phthalate	3.90	0.800	3.818	0	102.2	54.3	105	3.499	10.9	40	
Hexachlorobenzene	7.55	0.800	7.613	0	99.2	55.9	106	6.630	13.0	40	
Hexachlorobutadiene	6.66	1.14	7.613	0	87.6	35.7	100	5.667	16.2	40	
Hexachloroethane	5.92	1.14	7.613	0	77.7	38.9	89.9	4.960	17.6	40	
m,p-Cresol	3.47	1.14	3.818	0	90.8	37.6	93.7	2.859	19.2	40	
Nitrobenzene	6.27	1.14	7.613	0	82.4	51.8	104	5.347	15.9	40	
N-Nitroso-di-n-propylamine	3.51	1.14	3.818	0	91.9	45.5	99.1	2.989	16.0	40	
o-Cresol	3.61	1.14	3.818	0	94.6	43	101	2.971	19.5	40	
Pentachlorophenol	6.18	4.57	7.613	0	81.2	18.5	113	5.187	17.4	40	
Phenol	6.25	0.800	7.613	0	82.1	20.8	110	5.136	19.6	40	
Pyridine	5.31	1.14	7.613	0	69.7	3.61	74.3	4.285	21.4	40	
Surr: 2,4,6-Tribromophenol	3.40		3.818		89.1	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	1.73		1.909		90.5	34.1	116		0	40	
Surr: 2-Fluorophenol	3.09		3.818		80.9	30.5	99		0	40	
Surr: Nitrobenzene-d5	1.44		1.909		75.3	34.1	101		0	40	
Surr: Phenol-d5	3.19		3.818		83.6	34.9	110		0	40	
Surr: p-Terphenyl-d14	2.01		1.909		105.2	41.7	124		0	40	

Sample ID: <b>MB-62786</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/31/2010</b>		RunNo: <b>139701</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62786</b>		<b>SW3550B</b>		Analysis Date: <b>9/1/2010</b>		SeqNo: <b>2722046</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: 10081266

Report Date: 04-Oct-10

Sample ID: <b>MB-62786</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/31/2010</b>		RunNo: <b>139701</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62786</b>		<b>SW3550B</b>		Analysis Date: <b>9/1/2010</b>		SeqNo: <b>2722046</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	0.132		0.1670		79.2	17.5	123				
Surr: Nitrobenzene-d5	0.131		0.1670		78.4	35	105				
Surr: p-Terphenyl-d14	0.159		0.1670		95.4	53.6	122				

Sample ID: <b>LCS-62786</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/31/2010</b>		RunNo: <b>139701</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62786</b>		<b>SW3550B</b>		Analysis Date: <b>9/1/2010</b>		SeqNo: <b>2722047</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.154	0.003	0.1670	0	92.4	56.3	115				
Acenaphthylene	0.159	0.003	0.1670	0	95.2	60.3	143				
Anthracene	0.139	0.003	0.1670	0	83.0	52.1	109				
Benzo(a)anthracene	0.140	0.003	0.1670	0	83.8	52.8	112				
Benzo(a)pyrene	0.149	0.003	0.1670	0	89.4	40.8	127				
Benzo(b)fluoranthene	0.174	0.003	0.1670	0	104.4	50.1	150				
Benzo(g,h,i)perylene	0.165	0.003	0.1670	0	99.0	52.8	145				
Benzo(k)fluoranthene	0.166	0.003	0.1670	0	99.2	52	153				
Bis(2-ethylhexyl)phthalate	0.174	0.067	0.1670	0	104.0	50	150				
Chrysene	0.157	0.003	0.1670	0	94.0	60.8	128				
Dibenzo(a,h)anthracene	0.170	0.003	0.1670	0	102.0	54.9	150				
Fluoranthene	0.145	0.003	0.1670	0	87.0	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: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-62786</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139701</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62786</b>	<b>SW3550B</b>	Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2722047</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	0.161	0.003	0.1670	0	96.4	57.8	125				
Indeno(1,2,3-cd)pyrene	0.171	0.003	0.1670	0	102.6	52	147				
Naphthalene	0.136	0.003	0.1670	0	81.2	54.8	113				
Phenanthrene	0.152	0.003	0.1670	0	91.0	60.4	121				
Pyrene	0.161	0.003	0.1670	0	96.2	57.9	129				
Surr: 2-Fluorobiphenyl	0.140		0.1670		83.8	35.3	113				
Surr: Nitrobenzene-d5	0.139		0.1670		83.4	33.9	108				
Surr: p-Terphenyl-d14	0.165		0.1670		99.0	58.4	122				

Sample ID: <b>10081266-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139701</b>
Client ID: <b>P5-F4-F(25)MS</b>	Batch ID: <b>62786</b>	<b>SW3550B</b>	Analysis Date: <b>9/2/2010</b>	SeqNo: <b>2722065</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.335	0.008	0.3818	0.01512	83.9	36	135				
Acenaphthylene	0.338	0.008	0.3818	0.01361	84.9	17.2	167				
Anthracene	0.339	0.008	0.3818	0.01739	84.3	39.3	124				
Benzo(a)anthracene	0.320	0.008	0.3818	0.02419	77.5	10	183				
Benzo(a)pyrene	0.357	0.008	0.3818	0.02268	87.7	10	204				
Benzo(b)fluoranthene	0.376	0.008	0.3818	0.02570	91.7	10.6	178				
Benzo(g,h,i)perylene	0.322	0.008	0.3818	0.01966	79.3	10	168				
Benzo(k)fluoranthene	0.335	0.008	0.3818	0.009828	85.3	27.6	181				
Bis(2-ethylhexyl)phthalate	0.340	0.153	0.3818	0	89.0	50	150				
Chrysene	0.351	0.008	0.3818	0.02570	85.1	10	176				
Dibenzo(a,h)anthracene	0.322	0.008	0.3818	0	84.2	12.2	156				
Fluoranthene	0.399	0.008	0.3818	0.04612	92.3	10	227				
Fluorene	0.332	0.008	0.3818	0.01814	82.3	35.2	148				
Indeno(1,2,3-cd)pyrene	0.334	0.008	0.3818	0.01285	84.1	10	164				
Naphthalene	0.537	0.008	0.3818	0.1625	98.1	14.7	128				
Phenanthrene	0.411	0.008	0.3818	0.07636	87.6	32.8	143				
Pyrene	0.407	0.008	0.3818	0.05821	91.3	10	180				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>10081266-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139701</b>							
Client ID: <b>P5-F4-F(25)MS</b>	Batch ID: <b>62786</b>	<b>SW3550B</b>	Analysis Date: <b>9/2/2010</b>	SeqNo: <b>2722065</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.291		0.3818		76.2	10	131				
Surr: Nitrobenzene-d5	0.304		0.3818		79.6	10	132				
Surr: p-Terphenyl-d14	0.364		0.3818		95.4	30.6	131				

Sample ID: <b>10081266-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139701</b>							
Client ID: <b>P5-F4-F(25)MSD</b>	Batch ID: <b>62786</b>	<b>SW3550B</b>	Analysis Date: <b>9/2/2010</b>	SeqNo: <b>2722066</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.340	0.008	0.3788	0.01512	85.8	36	135	0.3353	1.45	49.7	
Acenaphthylene	0.339	0.008	0.3788	0.01361	86.0	17.2	167	0.3376	0.552	33.3	
Anthracene	0.335	0.008	0.3788	0.01739	83.8	39.3	124	0.3391	1.24	51.1	
Benzo(a)anthracene	0.321	0.008	0.3788	0.02419	78.4	10	183	0.3200	0.390	40.6	
Benzo(a)pyrene	0.368	0.008	0.3788	0.02268	91.2	10	204	0.3574	2.97	56.4	
Benzo(b)fluoranthene	0.382	0.008	0.3788	0.02570	94.0	10.6	178	0.3757	1.61	49.7	
Benzo(g,h,i)perylene	0.287	0.008	0.3788	0.01966	70.5	10	168	0.3223	11.8	36.5	
Benzo(k)fluoranthene	0.350	0.008	0.3788	0.009828	89.8	27.6	181	0.3353	4.30	42.6	
Bis(2-ethylhexyl)phthalate	0.366	0.152	0.3788	0	96.6	50	150	0.3399	7.38	60.3	
Chrysene	0.352	0.008	0.3788	0.02570	86.2	10	176	0.3505	0.503	45.1	
Dibenzo(a,h)anthracene	0.298	0.008	0.3788	0	78.6	12.2	156	0.3216	7.65	39.9	
Fluoranthene	0.422	0.008	0.3788	0.04612	99.2	10	227	0.3985	5.68	66.2	
Fluorene	0.346	0.008	0.3788	0.01814	86.6	35.2	148	0.3322	4.13	65.6	
Indeno(1,2,3-cd)pyrene	0.303	0.008	0.3788	0.01285	76.6	10	164	0.3338	9.61	36.5	
Naphthalene	0.443	0.008	0.3788	0.1625	74.1	14.7	128	0.5372	19.2	39.6	
Phenanthrene	0.427	0.008	0.3788	0.07636	92.6	32.8	143	0.4107	3.92	35.4	
Pyrene	0.415	0.008	0.3788	0.05821	94.2	10	180	0.4069	1.98	60.1	
Surr: 2-Fluorobiphenyl	0.240		0.3788		63.3	10	131		0	40	
Surr: Nitrobenzene-d5	0.240		0.3788		63.5	10	132		0	40	
Surr: p-Terphenyl-d14	0.326		0.3788		86.0	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: 10081266

Report Date: 04-Oct-10

Sample ID: <b>MB-62807</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139720</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62807</b>	<b>SW3550B</b>	Analysis Date: <b>9/2/2010</b>	SeqNo: <b>2722446</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	0.739		0.8350		88.5	46.3	106				
Surr: Nitrobenzene-d5	0.644		0.8350		77.2	42.4	99.2				
Surr: p-Terphenyl-d14	0.843		0.8350		101.0	45.5	115				

Sample ID: <b>LCS-62807</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>8/31/2010</b>	RunNo: <b>139720</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62807</b>	<b>SW3550B</b>	Analysis Date: <b>9/2/2010</b>	SeqNo: <b>2722447</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.42	0.0340	1.670	0	84.9	50.8	113				
Acenaphthylene	1.53	0.0340	1.670	0	91.7	52.8	121				
Anthracene	1.47	0.0340	1.670	0	88.0	53.3	115				
Benzo(a)anthracene	1.43	0.0340	1.670	0	85.8	62.3	110				
Benzo(a)pyrene	1.56	0.0340	1.670	0	93.5	58.2	109				
Benzo(b)fluoranthene	1.60	0.0340	1.670	0	95.5	51.8	107				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10081266

Report Date: 04-Oct-10

Sample ID: <b>LCS-62807</b>		SampType: <b>LCS</b>		Units: <b>mg/Kg</b>		Prep Date: <b>8/31/2010</b>		RunNo: <b>139720</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62807</b>		<b>SW3550B</b>		Analysis Date: <b>9/2/2010</b>		SeqNo: <b>2722447</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	1.46	0.0340	1.670	0	87.5	49.6	121				
Benzo(k)fluoranthene	1.73	0.0340	1.670	0	103.3	63.1	129				
Chrysene	1.58	0.0340	1.670	0	94.5	58.4	115				
Dibenzo(a,h)anthracene	1.58	0.0340	1.670	0	94.7	54.9	120				
Fluoranthene	1.69	0.0340	1.670	0	100.9	61.6	113				
Fluorene	1.55	0.0340	1.670	0	92.6	52.2	116				
Indeno(1,2,3-cd)pyrene	1.56	0.0340	1.670	0	93.1	52.7	115				
Naphthalene	1.38	0.0340	1.670	0	82.5	45.7	101				
Phenanthrene	1.51	0.0340	1.670	0	90.5	52.9	113				
Pyrene	1.63	0.0340	1.670	0	97.6	60.7	115				
Surr: 2-Fluorobiphenyl	0.739		0.8350		88.5	46.3	106				
Surr: Nitrobenzene-d5	0.759		0.8350		90.9	42.4	99.2				
Surr: p-Terphenyl-d14	0.927		0.8350		111.0	45.5	115				

Sample ID: <b>LCSDRO-62807</b>		SampType: <b>LCS</b>		Units: <b>%REC</b>		Prep Date: <b>9/1/2010</b>		RunNo: <b>139720</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62807</b>		<b>SW3550B</b>		Analysis Date: <b>9/2/2010</b>		SeqNo: <b>2722448</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.704		0.8350		84.3	46.3	106				
Surr: Nitrobenzene-d5	0.609		0.8350		73.0	42.4	99.2				
Surr: p-Terphenyl-d14	0.875		0.8350		104.8	45.5	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: 10081266

Report Date: 04-Oct-10

Sample ID: <b>MB-R139691</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>139691</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139691</b>					Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721549</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-R139691</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>				Prep Date:	RunNo: <b>139691</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139691</b>					Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721550</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 96.4 85 115

Sample ID: <b>10081266-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>139691</b>				
Client ID: <b>P5-F4-F(25)MS</b>	Batch ID: <b>R139691</b>					Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721569</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.19 0.57 1.435 0 82.7 75 125

Sample ID: <b>10081266-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>139691</b>				
Client ID: <b>P5-F4-F(25)MSD</b>	Batch ID: <b>R139691</b>					Analysis Date: <b>9/1/2010</b>	SeqNo: <b>2721570</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.13 0.57 1.435 0 78.4 75 125 1.187 5.31 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:** 10081266

**Report Date:** 04-Oct-10

Carrier: Sean Spinner

Received By: DB

Completed by:

On:

31-Aug-10

Dawn Brantley



Reviewed by:

On:

31-Aug-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 3.2
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 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.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

October 04, 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:** 10090178

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 9/3/2010 2:10:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. 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:** 10090178

**Report Date:** 04-Oct-10

---

Lab Sample ID	Client Sample ID	Fractions	Collection Date
10090178-001	P5-G2.5-F (22)	5	9/3/2010 9:15:00 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:** 10090178

**Report Date:** 04-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

This is a revised report to change sample id to P5-G2.5-F(22), per client request. Please replace your original report dated 9/8/10 for this work order with this revised report.

### 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:** 10090178

**Lab ID:** 10090178-001

**Report Date:** 04-Oct-10

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

**Client Sample ID:** P5-G2.5-F (22)

**Collection Date:** 9/3/2010 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		10.1	%	1	9/3/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.9	%	1	9/3/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		5.72	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
Barium	NELAP	0.50		16.5	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
Cadmium	NELAP	0.20		0.21	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
Chromium	NELAP	1.00		14.5	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
Lead	NELAP	4.00		11.0	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
Selenium	NELAP	4.00	J	2.6	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
Silver	NELAP	1.00		< 1.00	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	11.1		15.7	mg/Kg-dry	1	9/7/2010 8:53:00 PM	DMH
Kerosene	NELAP	11.1		ND	mg/Kg-dry	1	9/7/2010 8:53:00 PM	DMH
Mineral Spirits	NELAP	11.1		ND	mg/Kg-dry	1	9/7/2010 8:53:00 PM	DMH
Motor Oil	NELAP	11.1		ND	mg/Kg-dry	1	9/7/2010 8:53:00 PM	DMH
Surr: n-Tetracontane		50.6-140		103.1	%REC	1	9/7/2010 8:53:00 PM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.007		0.017	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Acenaphthylene	NELAP	0.007		0.011	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Anthracene	NELAP	0.007		0.012	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(a)anthracene	NELAP	0.007		0.017	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(a)pyrene	NELAP	0.007		0.010	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(b)fluoranthene	NELAP	0.007		0.013	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(g,h,i)perylene	NELAP	0.007		0.011	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(k)fluoranthene	NELAP	0.007		ND	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Bis(2-ethylhexyl)phthalate	NELAP	0.144		ND	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Chrysene	NELAP	0.007		0.011	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Dibenzo(a,h)anthracene	NELAP	0.007		ND	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Fluoranthene	NELAP	0.007		0.035	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Fluorene	NELAP	0.007		0.017	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Indeno(1,2,3-cd)pyrene	NELAP	0.007		ND	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Naphthalene	NELAP	0.007		0.091	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Phenanthrene	NELAP	0.007		0.060	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Pyrene	NELAP	0.007		0.030	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Surr: 2-Fluorobiphenyl		10-131		72.4	%REC	1	9/7/2010 11:52:00 AM	TV
Surr: Nitrobenzene-d5		10-132		81.2	%REC	1	9/7/2010 11:52:00 AM	TV
Surr: p-Terphenyl-d14		30.6-131		78.9	%REC	1	9/7/2010 11:52:00 AM	TV

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10090178  
**Lab ID:** 10090178-001  
**Report Date:** 04-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-G2.5-F (22)  
**Collection Date:** 9/3/2010 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>								
1,2,4-Trichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
1,2-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
1,3-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
1,4-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4-Dichlorophenol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4-Dimethylphenol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4-Dinitrophenol	NELAP	2.16		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Chloronaphthalene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Chlorophenol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Methoxy-4-methylphenol		1.40		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Methylnaphthalene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Nitroaniline	NELAP	2.16		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Nitrophenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
3-Nitroaniline	NELAP	2.16		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.16		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Chloroaniline	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Nitroaniline	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Nitrophenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Aniline	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Azobenzene		0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Benzidine	NELAP	2.28		see note	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Benzoic acid	NELAP	3.23		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Benzyl alcohol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Carbazole		1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Dibenzofuran	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Diethyl phthalate	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 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:** 10090178

**Client Sample ID:** P5-G2.5-F (22)

**Lab ID:** 10090178-001

**Collection Date:** 9/3/2010 9:15:00 AM

**Report Date:** 04-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>								
Dimethyl phthalate	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Hexachlorobenzene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Hexachlorobutadiene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Hexachloroethane	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Isophorone	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
m,p-Cresol	NELAP	1.08	SR	ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Nitrobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
N-Nitrosodimethylamine	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
o-Cresol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Pentachlorophenol	NELAP	4.31		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Phenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Pyridine	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
1,2-Diphenylhydrazine		1.81		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		74.5	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		78.6	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		70.6	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		72.6	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: Phenol-d5		34.9-110		71.8	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		91.7	%REC	1	9/7/2010 10:18:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1,1-Trichloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1,2-Trichloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1-Dichloro-2-propanone		1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1-Dichloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1-Dichloroethene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1-Dichloropropene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2,3-Trichloropropane	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2,3-Trimethylbenzene		119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10090178  
**Lab ID:** 10090178-001  
**Report Date:** 04-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-G2.5-F (22)  
**Collection Date:** 9/3/2010 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trimethylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2-Dibromoethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2-Dichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2-Dichloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2-Dichloropropane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,3-Dichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,3-Dichloropropane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,4-Dichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1-Chlorobutane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
2,2-Dichloropropane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
2-Butanone	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
2-Chlorotoluene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
2-Hexanone	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
2-Nitropropane	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
4-Chlorotoluene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Acetone	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Acetonitrile	NELAP	2380		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Acrolein	NELAP	2380		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Acrylonitrile	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Allyl chloride	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Benzene	NELAP	23.8		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Bromobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Bromochloromethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Bromodichloromethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Bromoform	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Bromomethane	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Carbon disulfide	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Carbon tetrachloride	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Chlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Chloroethane	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Chloroform	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Chloromethane	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Cyclohexanone		2380		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

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

## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10090178  
**Lab ID:** 10090178-001  
**Report Date:** 04-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-G2.5-F (22)  
**Collection Date:** 9/3/2010 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Dibromochloromethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Dibromomethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Dichlorodifluoromethane	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Ethyl acetate	NELAP	1190	J	700	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Ethyl ether	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Ethyl methacrylate	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Ethylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Gasoline Range Organics (OA-1)		23800		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Heptane		476		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Hexachlorobutadiene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Hexachloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Iodomethane	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Isopropylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
m,p-Xylenes	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Methacrylonitrile	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Methyl Methacrylate	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Methyl tert-butyl ether	NELAP	47.6		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Methylacrylate		238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Methylene chloride	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Naphthalene	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
n-Butylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
n-Hexane		476		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Nitrobenzene	NELAP	2380		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
n-Propylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
o-Xylene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Pentachloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
p-Isopropyltoluene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Propionitrile	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
sec-Butylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Styrene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
tert-Butylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Tetrachloroethene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Tetrahydrofuran	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Toluene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
trans-1,4-Dichloro-2-butene	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Trichloroethene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10090178  
**Lab ID:** 10090178-001  
**Report Date:** 04-Oct-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-G2.5-F (22)  
**Collection Date:** 9/3/2010 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Trichlorofluoromethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Vinyl acetate	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Vinyl chloride	NELAP	47.6		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		85.0	%REC	12.5	9/7/2010 1:46:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		103.2	%REC	12.5	9/7/2010 1:46:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.3	%REC	12.5	9/7/2010 1:46:00 PM	RWE
Surr: Toluene-d8		86-116		95.2	%REC	12.5	9/7/2010 1:46:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		0.018	mg/Kg-dry	1	9/7/2010	MEK
<b><u>SW-846 9012A</u></b>								
Cyanide, Amenable to Chlorination		0.545		Interference	mg/Kg-dry	1	9/8/2010 8:45:00 AM	KNS
<b><u>SW-846 9012A (TOTAL)</u></b>								
Cyanide	NELAP	0.55	R	< 0.55	mg/Kg-dry	1	9/8/2010 8:45:00 AM	KNS

### Sample Narrative

SW-846 9012A (Total)

RPD was outside of QC 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.

m,p-Cresol was outside the QC limits in the Matrix spike. RPD was outside the QC limits.

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

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:** 10090178

**Report Date:** 04-Oct-10

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date/Time	Analysis Date/Time
10090178-001A	P5-G2.5-F (22)	9/3/2010	Solid	EPA SW846 3550C, 5035A, ASTM D2974		9/3/2010 3:00:00 PM
				Standard Methods 18th Ed. 2540 G		9/3/2010 3:00:00 PM
				SW-846 9012A		9/8/2010 8:45:00 AM
				SW-846 9012A (Total)		9/8/2010 8:45:00 AM
10090178-001B				SW-846 3050B, 6010B, Metals by ICP	9/7/2010 11:38:38 AM	9/7/2010 5:28:46 PM
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	9/3/2010 5:31:29 PM	9/7/2010 8:53:00 PM
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	9/3/2010 5:34:55 PM	9/7/2010 11:52:00 AM
				SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS	9/3/2010 4:49:44 PM	9/7/2010 10:18:00 AM
				SW-846 7471A	9/7/2010 10:00:49 AM	9/7/2010
10090178-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS		9/7/2010 1:46:00 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: 10090178

Report Date: 04-Oct-10

Sample ID: <b>LCS-R139824</b>	SampType: <b>LCS</b>	Units: %	Prep Date:	RunNo: <b>139824</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139824</b>		Analysis Date: <b>9/3/2010</b>	SeqNo: <b>2725013</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>139824</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139824</b>		Analysis Date: <b>9/3/2010</b>	SeqNo: <b>2725014</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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Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW6010B**

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>MB-62895</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139840</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62895</b>	<b>SOP 3032</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2726188</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 2.50	2.50	2.500	0	0	-100	100				
Barium	< 0.50	0.50	0.5000	0	0	-100	100				
Cadmium	< 0.20	0.20	0.2000	0	0	-100	100				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				
Selenium	< 4.00	4.00	4.000	0	0	-100	100				
Silver	< 0.55	0.55	1.000	0	0	-100	100				

Sample ID: <b>LCS-62895</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139840</b>
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62895</b>	<b>SOP 3032</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2726189</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	106.2	85	115				
Barium	199	0.50	200.0	0	99.5	85	115				
Cadmium	5.27	0.20	5.000	0	105.4	85	115				
Chromium	22.1	1.00	20.00	0	110.6	85	115				
Lead	51.8	4.00	50.00	0	103.7	85	115				
Selenium	212	4.00	200.0	0	105.8	85	115				
Silver	5.44	0.55	5.000	0	108.8	85	115				

Sample ID: <b>10090178-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139840</b>
Client ID: <b>P5-G2.5-F (22)MS</b>	Batch ID: <b>62895</b>	<b>SOP 3032</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2726192</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	202	2.50	200.0	5.720	97.9	75	125				
Barium	188	0.50	200.0	16.47	85.8	75	125				
Cadmium	4.64	0.20	5.000	0.2100	88.6	75	125				
Chromium	34.1	1.00	20.00	14.49	98.2	75	125				
Lead	56.5	4.00	50.00	11.02	91.0	75	125				
Selenium	200	4.00	200.0	2.630	98.7	75	125				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW6010B

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>10090178-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139840</b>							
Client ID: <b>P5-G2.5-F (22)MS</b>	Batch ID: <b>62895</b>	<b>SOP 3032</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2726192</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Silver 5.33 0.55 5.000 0 106.6 75 125

Sample ID: <b>10090178-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139840</b>							
Client ID: <b>P5-G2.5-F (22)MSD</b>	Batch ID: <b>62895</b>	<b>SOP 3032</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2726193</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic 197 2.50 200.0 5.720 95.4 75 125 201.6 2.51 20

Barium 183 0.50 200.0 16.47 83.3 75 125 188.1 2.75 20

Cadmium 4.57 0.20 5.000 0.2100 87.2 75 125 4.640 1.52 20

Chromium 34.2 1.00 20.00 14.49 98.7 75 125 34.14 0.234 20

Lead 55.2 4.00 50.00 11.02 88.5 75 125 56.51 2.25 20

Selenium 194 4.00 200.0 2.630 95.8 75 125 200.1 2.94 20

Silver 5.47 0.55 5.000 0 109.4 75 125 5.330 2.59 20

Sample ID: <b>MB-62895</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139892</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62895</b>	<b>SOP 3032</b>	Analysis Date: <b>9/8/2010</b>	SeqNo: <b>2726559</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-62895</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139892</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62895</b>	<b>SOP 3032</b>	Analysis Date: <b>9/8/2010</b>	SeqNo: <b>2726560</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead 51.7 4.00 50.00 0 103.4 85 115

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW7471 A

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>MB-62913</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139848</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62913</b>	<b>SOP 3063</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725827</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.006	0.010	0.01000	0	60.0	-100	100				J

Sample ID: <b>LCS-62913</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139848</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62913</b>	<b>SOP 3063</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725828</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.249	0.010	0.2500	0	99.6	85	115				

Sample ID: <b>10090178-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139848</b>							
Client ID: <b>P5-G2.5-F (22)MS</b>	Batch ID: <b>62913</b>	<b>SOP 3063</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725830</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.302	0.011	0.2781	0.01780	102.2	75	125				

Sample ID: <b>10090178-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139848</b>							
Client ID: <b>P5-G2.5-F (22)MSD</b>	Batch ID: <b>62913</b>	<b>SOP 3063</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725831</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.295	0.011	0.2781	0.01780	99.6	75	125	0.3020	2.42	15	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8015M/OA2

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>MB-62890</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139875</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62890</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2726144</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	0.70		0.6700		103.8	54.8	128				

Sample ID: <b>LCS-62890</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139875</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62890</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2726145</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	87.3	40.4	121				
Surr: n-Tetracontane	0.70		0.6700		104.1	54.8	128				

Sample ID: <b>10090178-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139875</b>							
Client ID: <b>P5-G2.5-F (22)MS</b>	Batch ID: <b>62890</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2726147</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	37.3	11.1	37.08	15.73	58.2	20.3	167				
Surr: n-Tetracontane	1.56		1.488		104.8	53.9	153				

Sample ID: <b>10090178-001BMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139875</b>							
Client ID: <b>P5-G2.5-F (22)MSD</b>	Batch ID: <b>62890</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2726148</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel	38.1	10.6	35.25	15.73	63.4	20.3	167	37.30	2.12	34	
Surr: n-Tetracontane	1.42		1.414		100.1	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: 10090178

Report Date: 04-Oct-10

Sample ID: LCS-A100907-1	SampType: LCS	Units: µg/Kg				Prep Date: 9/7/2010	RunNo: 139854				
Client ID: ZZZZZZ	Batch ID: 62917	SW5035				Analysis Date: 9/7/2010	SeqNo: 2725678				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	49.0	5.00	50.00	0	97.9	0	200				
1,1,1-Trichloroethane	51.3	5.00	50.00	0	102.5	85.8	124				
1,1,2,2-Tetrachloroethane	42.6	5.00	50.00	0	85.3	0	200				
1,1,2-Trichloro-1,2,2-trifluoroethane	56.9	5.00	50.00	0	113.8	0	200				
1,1,2-Trichloroethane	46.4	5.00	50.00	0	92.8	0	200				
1,1-Dichloro-2-propanone	123	50.0	125.0	0	98.5	0	200				
1,1-Dichloroethane	50.7	5.00	50.00	0	101.4	0	200				
1,1-Dichloroethene	55.1	5.00	50.00	0	110.2	60.1	131				
1,1-Dichloropropene	52.3	5.00	50.00	0	104.5	0	200				
1,2,3-Trichlorobenzene	52.1	5.00	50.00	0	104.1	0	200				
1,2,3-Trichloropropane	41.7	10.0	50.00	0	83.4	0	200				
1,2,3-Trimethylbenzene	47.1	5.00	50.00	0	94.3	0	200				
1,2,4-Trichlorobenzene	54.6	5.00	50.00	0	109.2	0	200				
1,2,4-Trimethylbenzene	49.0	5.00	50.00	0	97.9	0	200				
1,2-Dibromo-3-chloropropane	45.2	5.00	50.00	0	90.4	0	200				
1,2-Dibromoethane	47.4	5.00	50.00	0	94.9	86.9	119				
1,2-Dichlorobenzene	48.3	5.00	50.00	0	96.6	88	119				
1,2-Dichloroethane	47.2	5.00	50.00	0	94.3	73	117				
1,2-Dichloropropane	50.3	5.00	50.00	0	100.6	0	200				
1,3,5-Trimethylbenzene	47.1	5.00	50.00	0	94.2	0	200				
1,3-Dichlorobenzene	49.4	5.00	50.00	0	98.8	85.8	125				
1,3-Dichloropropane	44.5	5.00	50.00	0	89.1	0	200				
1,4-Dichlorobenzene	48.8	5.00	50.00	0	97.6	84.5	124				
1-Chlorobutane	44.0	5.00	50.00	0	88.0	0	200				
2,2-Dichloropropane	49.6	5.00	50.00	0	99.2	0	200				
2-Butanone	130	50.0	125.0	0	104.2	45.3	136				
2-Chlorotoluene	45.4	5.00	50.00	0	90.8	0	200				
2-Hexanone	132	50.0	125.0	0	105.7	0	200				
2-Nitropropane	43	50.0	50.00	0	86.5	0	200				
4-Chlorotoluene	45.6	5.00	50.00	0	91.1	0	200				J



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: LCS-A100907-1	SampType: LCS	Units: µg/Kg				Prep Date: 9/7/2010	RunNo: 139854				
Client ID: ZZZZZZ	Batch ID: 62917	SW5035				Analysis Date: 9/7/2010	SeqNo: 2725678				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	117	50.0	125.0	0	93.5	0	200				
Acetone	157	50.0	125.0	0	125.4	0	200				
Acrylonitrile	45.1	10.0	50.00	0	90.2	0	200				
Allyl chloride	49.7	5.00	50.00	0	99.4	0	200				
Benzene	52.2	1.00	50.00	0	104.4	73.9	109				
Bromobenzene	48.4	5.00	50.00	0	96.9	0	200				
Bromochloromethane	48.9	5.00	50.00	0	97.8	0	200				
Bromodichloromethane	50.2	5.00	50.00	0	100.5	91.3	126				
Bromoform	50.9	5.00	50.00	0	101.8	0	200				
Bromomethane	49.9	10.0	50.00	0	99.8	0	200				
Carbon disulfide	52.4	5.00	50.00	0	104.8	0	200				
Carbon tetrachloride	53.4	5.00	50.00	0	106.8	83.3	127				
Chlorobenzene	49.0	5.00	50.00	0	98.1	85.8	116				
Chloroethane	49.4	10.0	50.00	0	98.7	0	200				
Chloroform	50.6	5.00	50.00	0	101.2	80	113				
Chloromethane	48.7	10.0	50.00	0	97.5	0	200				
cis-1,2-Dichloroethene	54.1	5.00	50.00	0	108.2	0	200				
cis-1,3-Dichloropropene	52.3	4.00	50.00	0	104.6	0	200				
Cyclohexanone	282	100	250.0	0	112.8	0	200				
Dibromochloromethane	49.2	5.00	50.00	0	98.4	89.1	119				
Dibromomethane	50.8	5.00	50.00	0	101.5	0	200				
Dichlorodifluoromethane	65.3	10.0	50.00	0	130.5	0	200				
Ethyl acetate	45	50.0	50.00	0	90.0	0	200				J
Ethyl ether	49.6	5.00	50.00	0	99.3	0	200				
Ethyl methacrylate	45.5	5.00	50.00	0	91.0	0	200				
Ethylbenzene	48.4	5.00	50.00	0	96.9	84.1	115				
Heptane	51.7	20.0	50.00	0	103.4	0	200				
Hexachlorobutadiene	50.4	5.00	50.00	0	100.8	0	200				
Hexachloroethane	48.6	5.00	50.00	0	97.1	0	200				
Iodomethane	88.0	10.0	50.00	0	176.0	0	200				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>LCS-A100907-1</b>	SampType: <b>LCS</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139854</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62917</b>	<b>SW5035</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725678</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	48.3	5.00	50.00	0	96.7	0	200				
m,p-Xylenes	98.4	5.00	100.0	0	98.4	79.1	111				
Methacrylonitrile	47	50.0	50.00	0	93.5	0	200				J
Methyl Methacrylate	48.7	5.00	50.00	0	97.5	0	200				
Methyl tert-butyl ether	52.0	2.00	50.00	0	104.0	80	128				
Methylacrylate	46.8	10.0	50.00	0	93.5	0	200				
Methylene chloride	50.2	5.00	50.00	0	100.5	73.9	116				
Naphthalene	45.6	10.0	50.00	0	91.1	73.1	135				
n-Butylbenzene	51.0	5.00	50.00	0	102.0	0	200				
n-Hexane	51.6	20.0	50.00	0	103.2	0	200				
Nitrobenzene	64	100	50.00	0	127.0	0	200				J
n-Propylbenzene	46.5	5.00	50.00	0	93.1	0	200				
o-Xylene	47.3	5.00	50.00	0	94.7	82	117				
Pentachloroethane	50.2	5.00	50.00	0	100.4	0	200				
p-Isopropyltoluene	49.8	5.00	50.00	0	99.7	0	200				
Propionitrile	46	50.0	50.00	0	91.9	0	200				J
sec-Butylbenzene	47.8	5.00	50.00	0	95.5	0	200				
Styrene	47.9	5.00	50.00	0	95.8	0	200				
tert-Butylbenzene	44.8	5.00	50.00	0	89.7	0	200				
Tetrachloroethene	52.1	5.00	50.00	0	104.1	74.6	115				
Tetrahydrofuran	46	50.0	50.00	0	92.9	0	200				J
Toluene	47.3	5.00	50.00	0	94.6	79.1	112				
trans-1,2-Dichloroethene	50.8	5.00	50.00	0	101.7	0	200				
trans-1,3-Dichloropropene	45.0	4.00	50.00	0	89.9	0	200				
trans-1,4-Dichloro-2-butene	39.9	10.0	50.00	0	79.8	0	200				
Trichloroethene	57.8	5.00	50.00	0	115.7	81	111				S
Trichlorofluoromethane	55.2	5.00	50.00	0	110.4	0	200				
Vinyl acetate	50.4	50.0	50.00	0	100.8	0	200				
Vinyl chloride	49.7	2.00	50.00	0	99.3	0	200				
Surr: 1,2-Dichloroethane-d4	43.8		50.00		87.6	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: 10090178

Report Date: 04-Oct-10

Sample ID: <b>LCS-A100907-1</b>		SampType: <b>LCS</b>		Units: <b>µg/Kg</b>		Prep Date: <b>9/7/2010</b>		RunNo: <b>139854</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62917</b>		<b>SW5035</b>		Analysis Date: <b>9/7/2010</b>		SeqNo: <b>2725678</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	53.0		50.00		106.0	82.1	116				
Surr: Dibromofluoromethane	50.9		50.00		101.9	77.7	120				
Surr: Toluene-d8	46.2		50.00		92.5	86	116				

Sample ID: <b>LCSD-A100907-1</b>		SampType: <b>LCSD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>9/7/2010</b>		RunNo: <b>139854</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62917</b>		<b>SW5035</b>		Analysis Date: <b>9/7/2010</b>		SeqNo: <b>2725679</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	5.00	50.00	0	97.1	0	200	48.96	0.882	20	
1,1,1-Trichloroethane	50.8	5.00	50.00	0	101.6	85.8	124	51.26	0.941	20	
1,1,2,2-Tetrachloroethane	42.8	5.00	50.00	0	85.6	0	200	42.63	0.398	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	56.5	5.00	50.00	0	113.1	0	200	56.91	0.670	20	
1,1,2-Trichloroethane	46.4	5.00	50.00	0	92.8	0	200	46.42	0.0646	20	
1,1-Dichloro-2-propanone	120	50.0	125.0	0	95.9	0	200	123.2	2.72	20	
1,1-Dichloroethane	50.1	5.00	50.00	0	100.2	0	200	50.71	1.19	20	
1,1-Dichloroethene	54.7	5.00	50.00	0	109.5	60.1	131	55.10	0.655	20	
1,1-Dichloropropene	51.7	5.00	50.00	0	103.5	0	200	52.26	1.00	20	
1,2,3-Trichlorobenzene	54.9	5.00	50.00	0	109.8	0	200	52.06	5.33	20	
1,2,3-Trichloropropane	42.3	10.0	50.00	0	84.6	0	200	41.71	1.36	20	
1,2,3-Trimethylbenzene	46.3	5.00	50.00	0	92.7	0	200	47.13	1.71	20	
1,2,4-Trichlorobenzene	56.2	5.00	50.00	0	112.4	0	200	54.61	2.85	20	
1,2,4-Trimethylbenzene	47.5	5.00	50.00	0	95.0	0	200	48.95	2.99	20	
1,2-Dibromo-3-chloropropane	47.2	5.00	50.00	0	94.5	0	200	45.19	4.41	20	
1,2-Dibromoethane	47.6	5.00	50.00	0	95.2	86.9	119	47.45	0.337	20	
1,2-Dichlorobenzene	48.0	5.00	50.00	0	96.0	88	119	48.29	0.623	20	
1,2-Dichloroethane	47.2	5.00	50.00	0	94.3	73	117	47.15	0.0212	20	
1,2-Dichloropropane	49.9	5.00	50.00	0	99.9	0	200	50.29	0.698	20	
1,3,5-Trimethylbenzene	46.2	5.00	50.00	0	92.3	0	200	47.11	2.04	20	
1,3-Dichlorobenzene	48.7	5.00	50.00	0	97.4	85.8	125	49.42	1.47	20	
1,3-Dichloropropane	44.4	5.00	50.00	0	88.9	0	200	44.54	0.247	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>LCS-D-A100907-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>9/7/2010</b>	RunNo: <b>139854</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62917</b>	<b>SW5035</b>				Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725679</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	48.81	1.32	20	
1-Chlorobutane	43.3	5.00	50.00	0	86.6	0	200	44.01	1.60	20	
2,2-Dichloropropane	48.7	5.00	50.00	0	97.5	0	200	49.58	1.71	20	
2-Butanone	132	50.0	125.0	0	105.5	45.3	136	130.2	1.26	20	
2-Chlorotoluene	44.2	5.00	50.00	0	88.4	0	200	45.39	2.61	20	
2-Hexanone	138	50.0	125.0	0	110.5	0	200	132.2	4.37	20	
2-Nitropropane	44	50.0	50.00	0	88.7	0	200	43.27	0	20	J
4-Chlorotoluene	44.2	5.00	50.00	0	88.5	0	200	45.55	2.92	20	
4-Methyl-2-pentanone	123	50.0	125.0	0	98.8	0	200	116.9	5.46	20	
Acetone	157	50.0	125.0	0	125.9	0	200	156.8	0.395	20	
Acrylonitrile	46.9	10.0	50.00	0	93.8	0	200	45.10	3.87	20	
Allyl chloride	46.2	5.00	50.00	0	92.4	0	200	49.72	7.36	20	
Benzene	52.0	1.00	50.00	0	103.9	73.9	109	52.20	0.461	20	
Bromobenzene	47.5	5.00	50.00	0	95.0	0	200	48.44	1.98	20	
Bromochloromethane	48.8	5.00	50.00	0	97.6	0	200	48.90	0.246	20	
Bromodichloromethane	49.9	5.00	50.00	0	99.9	91.3	126	50.24	0.619	20	
Bromoform	51.5	5.00	50.00	0	102.9	0	200	50.90	1.11	20	
Bromomethane	49.3	10.0	50.00	0	98.6	0	200	49.92	1.21	20	
Carbon disulfide	51.8	5.00	50.00	0	103.6	0	200	52.40	1.17	20	
Carbon tetrachloride	53.3	5.00	50.00	0	106.5	83.3	127	53.42	0.300	20	
Chlorobenzene	48.4	5.00	50.00	0	96.9	85.8	116	49.04	1.23	20	
Chloroethane	49.1	10.0	50.00	0	98.2	0	200	49.35	0.549	20	
Chloroform	50.2	5.00	50.00	0	100.3	80	113	50.59	0.834	20	
Chloromethane	47.4	10.0	50.00	0	94.8	0	200	48.74	2.77	20	
cis-1,2-Dichloroethene	53.4	5.00	50.00	0	106.8	0	200	54.12	1.38	20	
cis-1,3-Dichloropropene	52.0	4.00	50.00	0	104.1	0	200	52.30	0.498	20	
Cyclohexanone	266	100	250.0	0	106.4	0	200	281.9	5.77	20	
Dibromochloromethane	49.0	5.00	50.00	0	98.1	89.1	119	49.19	0.305	20	
Dibromomethane	51.0	5.00	50.00	0	102.1	0	200	50.76	0.570	20	
Dichlorodifluoromethane	63.6	10.0	50.00	0	127.2	0	200	65.27	2.56	20	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>LCS-D-A100907-1</b>	SampType: <b>LCS-D</b>	Units: <b>µg/Kg</b>				Prep Date: <b>9/7/2010</b>	RunNo: <b>139854</b>				
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62917</b>	<b>SW5035</b>				Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725679</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethyl acetate	48	50.0	50.00	0	96.8	0	200	45.01	0	20	J
Ethyl ether	49.5	5.00	50.00	0	99.1	0	200	49.65	0.222	20	
Ethyl methacrylate	46.2	5.00	50.00	0	92.5	0	200	45.50	1.61	20	
Ethylbenzene	48.4	5.00	50.00	0	96.8	84.1	115	48.45	0.0826	20	
Heptane	51.9	20.0	50.00	0	103.8	0	200	51.71	0.386	20	
Hexachlorobutadiene	51.8	5.00	50.00	0	103.6	0	200	50.38	2.76	20	
Hexachloroethane	47.7	5.00	50.00	0	95.3	0	200	48.55	1.85	20	
Iodomethane	86.2	10.0	50.00	0	172.4	0	200	88.00	2.05	20	
Isopropylbenzene	47.7	5.00	50.00	0	95.4	0	200	48.34	1.31	20	
m,p-Xylenes	97.6	5.00	100.0	0	97.6	79.1	111	98.42	0.888	20	
Methacrylonitrile	48	50.0	50.00	0	97.0	0	200	46.77	0	20	J
Methyl Methacrylate	50.2	5.00	50.00	0	100.3	0	200	48.73	2.87	20	
Methyl tert-butyl ether	52.6	2.00	50.00	0	105.1	80	128	52.02	1.05	20	
Methylacrylate	48.9	10.0	50.00	0	97.8	0	200	46.76	4.52	20	
Methylene chloride	49.7	5.00	50.00	0	99.4	73.9	116	50.24	1.12	20	
Naphthalene	49.8	10.0	50.00	0	99.6	73.1	135	45.55	8.93	20	
n-Butylbenzene	50.2	5.00	50.00	0	100.4	0	200	51.01	1.56	20	
n-Hexane	51.4	20.0	50.00	0	102.9	0	200	51.58	0.272	20	
Nitrobenzene	46	100	50.00	0	91.3	0	200	63.51	0	20	J
n-Propylbenzene	45.5	5.00	50.00	0	91.1	0	200	46.54	2.19	20	
o-Xylene	46.9	5.00	50.00	0	93.8	82	117	47.34	0.912	20	
Pentachloroethane	49.4	5.00	50.00	0	98.9	0	200	50.18	1.51	20	
p-Isopropyltoluene	48.6	5.00	50.00	0	97.1	0	200	49.83	2.58	20	
Propionitrile	46	50.0	50.00	0	91.7	0	200	45.94	0	20	J
sec-Butylbenzene	46.4	5.00	50.00	0	92.7	0	200	47.77	3.02	20	
Styrene	47.6	5.00	50.00	0	95.1	0	200	47.90	0.712	20	
tert-Butylbenzene	43.7	5.00	50.00	0	87.3	0	200	44.83	2.62	20	
Tetrachloroethene	52.0	5.00	50.00	0	104.0	74.6	115	52.07	0.135	20	
Tetrahydrofuran	48	50.0	50.00	0	97.1	0	200	46.44	0	20	J
Toluene	46.5	5.00	50.00	0	93.0	79.1	112	47.28	1.71	20	

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8260B**

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>LCSA-A100907-1</b>		SampType: <b>LCSA</b>		Units: <b>µg/Kg</b>		Prep Date: <b>9/7/2010</b>		RunNo: <b>139854</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62917</b>		<b>SW5035</b>		Analysis Date: <b>9/7/2010</b>		SeqNo: <b>2725679</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	100.1	0	200	50.83	1.59	20	
trans-1,3-Dichloropropene	44.6	4.00	50.00	0	89.3	0	200	44.95	0.714	20	
trans-1,4-Dichloro-2-butene	40.4	10.0	50.00	0	80.8	0	200	39.90	1.27	20	
Trichloroethene	57.4	5.00	50.00	0	114.8	81	111	57.85	0.763	20	S
Trichlorofluoromethane	54.8	5.00	50.00	0	109.7	0	200	55.20	0.636	20	
Vinyl acetate	51.3	50.0	50.00	0	102.7	0	200	50.39	1.85	20	
Vinyl chloride	48.6	2.00	50.00	0	97.1	0	200	49.66	2.24	20	
Surr: 1,2-Dichloroethane-d4	44.4		50.00		88.9	72.2	131		0	20	
Surr: 4-Bromofluorobenzene	53.5		50.00		107.1	82.1	116		0	20	
Surr: Dibromofluoromethane	51.5		50.00		103.0	77.7	120		0	20	
Surr: Toluene-d8	45.9		50.00		91.9	86	116		0	20	

Sample ID: <b>LCSG-A100907-1</b>		SampType: <b>LCSG</b>		Units: <b>µg/Kg</b>		Prep Date: <b>9/7/2010</b>		RunNo: <b>139854</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62917</b>		<b>SW5035</b>		Analysis Date: <b>9/7/2010</b>		SeqNo: <b>2725681</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	1970	1000	2000	0	98.5	70	130				
Surr: 1,2-Dichloroethane-d4	44.4		50.00		88.8	61	128				
Surr: 4-Bromofluorobenzene	54.2		50.00		108.3	78.2	117				
Surr: Dibromofluoromethane	49.5		50.00		99.0	66.6	130				
Surr: Toluene-d8	46.0		50.00		92.0	80.1	122				

Sample ID: <b>LCSGD-A100907-1</b>		SampType: <b>LCSGD</b>		Units: <b>µg/Kg</b>		Prep Date: <b>9/7/2010</b>		RunNo: <b>139854</b>			
Client ID: <b>ZZZZZ</b>		Batch ID: <b>62917</b>		<b>SW5035</b>		Analysis Date: <b>9/7/2010</b>		SeqNo: <b>2725682</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (OA-1)	1970	1000	2000	0	98.4	70	130	1971	0.0883	20	
Surr: 1,2-Dichloroethane-d4	44.1		50.00		88.2	61	128		0	0	
Surr: 4-Bromofluorobenzene	54.0		50.00		108.0	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: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8260B

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>LCSGD-A100907-1</b>	SampType: <b>LCSGD</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139854</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62917</b>	<b>SW5035</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725682</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Toluene-d8	46.0		50.00		91.9	80.1	122		0	0	
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Sample ID: <b>MBLK-A100907-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139854</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62917</b>	<b>SW5035</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725683</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: 10090178

Report Date: 04-Oct-10

Sample ID: <b>MBLK-A100907-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139854</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62917</b>	<b>SW5035</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725683</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: 10090178

Report Date: 04-Oct-10

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: 10090178

Report Date: 04-Oct-10

Sample ID: <b>MBLK-A100907-1</b>	SampType: <b>MBLK</b>	Units: <b>µg/Kg</b>	Prep Date: <b>9/7/2010</b>	RunNo: <b>139854</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62917</b>	<b>SW5035</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725683</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	45.3		50.00		90.6	72.2	131				
Surr: 4-Bromofluorobenzene	53.7		50.00		107.4	82.1	116				
Surr: Dibromofluoromethane	51.7		50.00		103.4	77.7	120				
Surr: Toluene-d8	47.1		50.00		94.2	86	116				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>MB-62889</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139843</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62889</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725328</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									

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: MB-62889	SampType: MBLK	Units: mg/Kg	Prep Date: 9/3/2010	RunNo: 139843							
Client ID: ZZZZZZ	Batch ID: 62889	SW3550B	Analysis Date: 9/7/2010	SeqNo: 2725328							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl alcohol	ND	0.500									
Bis(2-chloroethoxy)methane	ND	0.350									
Bis(2-chloroethyl)ether	ND	0.500									
Bis(2-chloroisopropyl)ether	ND	0.350									
Butyl benzyl phthalate	ND	0.350									
Carbazole	ND	0.500									
Dibenzofuran	ND	0.350									
Diethyl phthalate	ND	0.500									
Dimethyl phthalate	ND	0.350									
Di-n-butyl phthalate	ND	0.350									
Di-n-octyl phthalate	ND	0.350									
Hexachlorobenzene	ND	0.350									
Hexachlorobutadiene	ND	0.500									
Hexachlorocyclopentadiene	ND	0.350									
Hexachloroethane	ND	0.500									
Isophorone	ND	0.350									
m,p-Cresol	ND	0.500									
Nitrobenzene	ND	0.500									
N-Nitrosodimethylamine	ND	0.500									
N-Nitroso-di-n-propylamine	ND	0.500									
N-Nitrosodiphenylamine	ND	0.500									
o-Cresol	ND	0.500									
Pentachlorophenol	ND	2.00									
Phenol	ND	0.350									
Pyridine	ND	0.500									
1,2-Diphenylhydrazine	ND	0.840									
Surr: 2,4,6-Tribromophenol	1.46		1.670		87.4	52.1	113				
Surr: 2-Fluorobiphenyl	0.700		0.8350		83.8	46.3	106				
Surr: 2-Fluorophenol	1.22		1.670		73.2	50.6	89				
Surr: Nitrobenzene-d5	0.652		0.8350		78.1	42.4	99.2				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>MB-62889</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139843</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62889</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725328</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Phenol-d5	1.28		1.670		76.9	55.9	98.5				
Surr: p-Terphenyl-d14	0.874		0.8350		104.7	45.5	115				

Sample ID: <b>LCS-62889</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139843</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62889</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725329</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2,4-Trichlorobenzene	1.44	0.500	1.670	0	86.3	43.9	92.2				
1,4-Dichlorobenzene	1.20	0.500	1.670	0	72.1	43.8	84.1				
2,4,5-Trichlorophenol	2.89	0.350	3.330	0	86.7	38.6	123				
2,4,6-Trichlorophenol	2.82	0.350	3.330	0	84.6	35.9	123				
2,4-Dimethylphenol	2.81	0.500	3.330	0	84.3	38.3	88				
2,4-Dinitrophenol	3.33	1.00	3.330	0	100.1	1.88	162				
2,4-Dinitrotoluene	1.59	0.350	1.670	0	95.3	48.6	102				
2-Chlorophenol	2.48	0.500	3.330	0	74.4	46.6	84				
4-Chloro-3-methylphenol	2.79	0.500	3.330	0	83.8	51.5	94.9				
4-Nitrophenol	3.26	0.350	3.330	0	97.8	53.2	104				
Diethyl phthalate	2.79	0.500	3.330	0	83.7	51.7	106				
Dimethyl phthalate	2.73	0.350	3.330	0	82.0	58.8	104				
Di-n-butyl phthalate	1.44	0.350	1.670	0	86.5	54.3	105				
Hexachlorobenzene	2.69	0.350	3.330	0	80.8	55.9	106				
Hexachlorobutadiene	2.54	0.500	3.330	0	76.4	35.7	100				
Hexachloroethane	2.25	0.500	3.330	0	67.7	38.9	89.9				
m,p-Cresol	1.33	0.500	1.670	0	79.9	37.6	93.7				
Nitrobenzene	2.35	0.500	3.330	0	70.6	51.8	104				
N-Nitroso-di-n-propylamine	1.38	0.500	1.670	0	82.4	49.1	94.5				
o-Cresol	1.38	0.500	1.670	0	82.9	43	101				
Pentachlorophenol	2.93	2.00	3.330	0	87.9	42.2	102				
Phenol	2.36	0.350	3.330	0	70.9	41.6	81.3				
Pyridine	1.60	0.500	3.330	0	48.1	3.61	74.3				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>LCS-62889</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139843</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62889</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725329</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		93.6	52.1	113				
Surr: 2-Fluorobiphenyl	0.690		0.8350		82.6	46.3	106				
Surr: 2-Fluorophenol	1.23		1.670		73.7	50.6	89				
Surr: Nitrobenzene-d5	0.589		0.8350		70.5	42.4	99.2				
Surr: Phenol-d5	1.27		1.670		75.8	55.9	98.5				
Surr: p-Terphenyl-d14	0.758		0.8350		90.7	45.5	115				

Sample ID: <b>10090178-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139843</b>
Client ID: <b>P5-G2.5-F (22)MS</b>	Batch ID: <b>62889</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725331</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.87	1.11	3.700	0	77.6	35.9	102				
1,4-Dichlorobenzene	2.12	1.11	3.700	0	57.2	29.8	95.5				
2,4,5-Trichlorophenol	5.95	0.776	7.379	0	80.7	38.6	123				
2,4,6-Trichlorophenol	5.75	0.776	7.379	0	77.9	35.9	123				
2,4-Dimethylphenol	6.20	1.11	7.379	0	84.1	38.3	88				
2,4-Dinitrophenol	3.75	2.22	7.379	0	50.9	1.88	162				
2,4-Dinitrotoluene	3.44	0.776	3.700	0	93.0	37.5	107				
2-Chlorophenol	5.02	1.11	7.379	0	68.0	22.6	108				
4-Chloro-3-methylphenol	6.00	1.11	7.379	0	81.3	19.3	131				
4-Nitrophenol	6.25	0.776	7.379	0	84.7	27.6	123				
Diethyl phthalate	5.96	1.11	7.379	0	80.8	51.7	106				
Dimethyl phthalate	5.71	0.776	7.379	0	77.4	58.8	104				
Di-n-butyl phthalate	3.07	0.776	3.700	0	83.0	54.3	105				
Hexachlorobenzene	5.86	0.776	7.379	0	79.4	55.9	106				
Hexachlorobutadiene	5.01	1.11	7.379	0	67.9	35.7	100				
Hexachloroethane	3.70	1.11	7.379	0	50.1	38.9	89.9				
m,p-Cresol	4.77	1.11	3.700	0	128.9	37.6	93.7				S
Nitrobenzene	4.75	1.11	7.379	0	64.3	51.8	104				
N-Nitroso-di-n-propylamine	2.66	1.11	3.700	0	71.8	45.5	99.1				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>10090178-001BMS</b>		SampType: <b>MS</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>9/3/2010</b>		RunNo: <b>139843</b>			
Client ID: <b>P5-G2.5-F (22)MS</b>		Batch ID: <b>62889</b>		<b>SW3550B</b>		Analysis Date: <b>9/7/2010</b>		SeqNo: <b>2725331</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Cresol	3.09	1.11	3.700	0	83.4	43	101				
Pentachlorophenol	4.70	4.43	7.379	0	63.7	18.5	113				
Phenol	5.29	0.776	7.379	0	71.8	20.8	110				
Pyridine	3.36	1.11	7.379	0	45.6	3.61	74.3				
Surr: 2,4,6-Tribromophenol	2.93		3.700		79.2	32.7	130				
Surr: 2-Fluorobiphenyl	1.38		1.850		74.4	34.1	116				
Surr: 2-Fluorophenol	2.32		3.700		62.6	30.5	99				
Surr: Nitrobenzene-d5	1.11		1.850		59.8	34.1	101				
Surr: Phenol-d5	2.45		3.700		66.2	34.9	110				
Surr: p-Terphenyl-d14	1.60		1.850		86.4	41.7	124				

Sample ID: <b>10090178-001BMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>9/3/2010</b>		RunNo: <b>139843</b>			
Client ID: <b>P5-G2.5-F (22)MSD</b>		Batch ID: <b>62889</b>		<b>SW3550B</b>		Analysis Date: <b>9/7/2010</b>		SeqNo: <b>2725332</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.84	1.07	3.559	0	79.9	35.9	102	2.872	1.01	40	
1,4-Dichlorobenzene	2.15	1.07	3.559	0	60.3	29.8	95.5	2.115	1.47	40	
2,4,5-Trichlorophenol	5.56	0.746	7.096	0	78.4	38.6	123	5.954	6.82	40	
2,4,6-Trichlorophenol	5.46	0.746	7.096	0	76.9	35.9	123	5.751	5.28	40	
2,4-Dimethylphenol	5.85	1.07	7.096	0	82.5	38.3	88	6.204	5.80	40	
2,4-Dinitrophenol	3.05	2.13	7.096	0	43.0	1.88	162	3.753	20.6	40	
2,4-Dinitrotoluene	3.26	0.746	3.559	0	91.5	37.5	107	3.441	5.48	40	
2-Chlorophenol	4.90	1.07	7.096	0	69.0	22.6	108	5.015	2.40	40	
4-Chloro-3-methylphenol	5.71	1.07	7.096	0	80.4	19.3	131	6.000	5.02	40	
4-Nitrophenol	5.92	0.746	7.096	0	83.4	27.6	123	6.247	5.43	40	
Diethyl phthalate	5.65	1.07	7.096	0	79.6	51.7	106	5.959	5.36	40	
Dimethyl phthalate	5.37	0.746	7.096	0	75.6	58.8	104	5.713	6.22	40	
Di-n-butyl phthalate	2.93	0.746	3.559	0	82.2	54.3	105	3.070	4.81	40	
Hexachlorobenzene	5.54	0.746	7.096	0	78.1	55.9	106	5.858	5.53	40	
Hexachlorobutadiene	4.90	1.07	7.096	0	69.1	35.7	100	5.013	2.21	40	

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>10090178-001BMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>9/3/2010</b>		RunNo: <b>139843</b>			
Client ID: <b>P5-G2.5-F (22)MSD</b>		Batch ID: <b>62889</b>		<b>SW3550B</b>		Analysis Date: <b>9/7/2010</b>		SeqNo: <b>2725332</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	3.66	1.07	7.096	0	51.6	38.9	89.9	3.699	0.973	40	
m,p-Cresol	2.71	1.07	3.559	0	76.3	37.6	93.7	4.770	54.9	40	R
Nitrobenzene	4.62	1.07	7.096	0	65.1	51.8	104	4.746	2.67	40	
N-Nitroso-di-n-propylamine	2.61	1.07	3.559	0	73.5	45.5	99.1	2.658	1.65	40	
o-Cresol	2.80	1.07	3.559	0	78.7	43	101	3.087	9.78	40	
Pentachlorophenol	4.2	4.26	7.096	0	59.8	18.5	113	4.697	0	40	J
Phenol	4.72	0.746	7.096	0	66.6	20.8	110	5.295	11.4	40	
Pyridine	3.36	1.07	7.096	0	47.4	3.61	74.3	3.364	0.0434	40	
Surr: 2,4,6-Tribromophenol	2.52		3.559		70.7	32.7	130		0	40	
Surr: 2-Fluorobiphenyl	1.23		1.779		69.0	34.1	116		0	40	
Surr: 2-Fluorophenol	2.30		3.559		64.7	30.5	99		0	40	
Surr: Nitrobenzene-d5	1.08		1.779		60.7	34.1	101		0	40	
Surr: Phenol-d5	2.39		3.559		67.3	34.9	110		0	40	
Surr: p-Terphenyl-d14	1.48		1.779		83.4	41.7	124		0	40	

Sample ID: <b>MB-62891</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>9/3/2010</b>		RunNo: <b>139831</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62891</b>		<b>SW3550B</b>		Analysis Date: <b>9/7/2010</b>		SeqNo: <b>2725150</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Bis(2-ethylhexyl)phthalate	ND	0.067									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									



Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>MB-62891</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139831</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62891</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725150</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.593		0.8330		71.2	17.5	123				
Surr: Nitrobenzene-d5	0.655		0.8330		78.6	35	105				
Surr: p-Terphenyl-d14	0.665		0.8330		79.8	53.6	122				

Sample ID: <b>LCS-62891</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139831</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62891</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725151</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.140	0.003	0.1670	0	84.0	56.3	115				
Acenaphthylene	0.142	0.003	0.1670	0	85.2	60.3	143				
Anthracene	0.126	0.003	0.1670	0	75.6	52.1	109				
Benzo(a)anthracene	0.132	0.003	0.1670	0	78.8	52.8	112				
Benzo(a)pyrene	0.134	0.003	0.1670	0	80.0	40.8	127				
Benzo(b)fluoranthene	0.149	0.003	0.1670	0	89.0	50.1	150				
Benzo(g,h,i)perylene	0.152	0.003	0.1670	0	91.0	52.8	145				
Benzo(k)fluoranthene	0.145	0.003	0.1670	0	87.0	52	153				
Bis(2-ethylhexyl)phthalate	0.173	0.067	0.1670	0	103.6	50	150				
Chrysene	0.145	0.003	0.1670	0	86.8	60.8	128				
Dibenzo(a,h)anthracene	0.150	0.003	0.1670	0	90.0	54.9	150				
Fluoranthene	0.124	0.003	0.1670	0	74.1	58.7	125				
Fluorene	0.141	0.003	0.1670	0	84.6	57.8	125				
Indeno(1,2,3-cd)pyrene	0.152	0.003	0.1670	0	91.2	52	147				
Naphthalene	0.131	0.003	0.1670	0	78.6	54.8	113				
Phenanthrene	0.144	0.003	0.1670	0	86.4	60.4	121				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>LCS-62891</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139831</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>62891</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725151</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	0.150	0.003	0.1670	0	89.6	57.9	129				
Surr: 2-Fluorobiphenyl	0.115		0.1670		69.1	35.3	113				
Surr: Nitrobenzene-d5	0.117		0.1670		69.9	33.9	108				
Surr: p-Terphenyl-d14	0.132		0.1670		79.0	58.4	122				

Sample ID: <b>10090178-001BMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139831</b>
Client ID: <b>P5-G2.5-F (22)MS</b>	Batch ID: <b>62891</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2725428</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.324	0.007	0.3666	0.01725	83.7	36	135				
Acenaphthylene	0.302	0.007	0.3666	0.01078	79.5	17.2	167				
Anthracene	0.300	0.007	0.3666	0.01222	78.5	39.3	124				
Benzo(a)anthracene	0.293	0.007	0.3666	0.01653	75.3	10	183				
Benzo(a)pyrene	0.325	0.007	0.3666	0.01006	85.9	10	204				
Benzo(b)fluoranthene	0.325	0.007	0.3666	0.01293	85.1	10.6	178				
Benzo(g,h,i)perylene	0.317	0.007	0.3666	0.01078	83.5	10	168				
Benzo(k)fluoranthene	0.310	0.007	0.3666	0	84.6	27.6	181				
Bis(2-ethylhexyl)phthalate	0.363	0.147	0.3666	0	99.0	50	150				
Chrysene	0.321	0.007	0.3666	0.01078	84.5	10	176				
Dibenzo(a,h)anthracene	0.315	0.007	0.3666	0	86.0	12.2	156				
Fluoranthene	0.286	0.007	0.3666	0.03521	68.4	10	227				
Fluorene	0.319	0.007	0.3666	0.01653	82.5	35.2	148				
Indeno(1,2,3-cd)pyrene	0.321	0.007	0.3666	0	87.4	10	164				
Naphthalene	0.403	0.007	0.3666	0.09126	85.1	14.7	128				
Phenanthrene	0.381	0.007	0.3666	0.06036	87.5	32.8	143				
Pyrene	0.340	0.007	0.3666	0.03018	84.6	10	180				
Surr: 2-Fluorobiphenyl	0.219		0.3666		59.7	10	131				
Surr: Nitrobenzene-d5	0.250		0.3666		68.1	10	132				
Surr: p-Terphenyl-d14	0.269		0.3666		73.3	30.6	131				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>10090178-001BMSD</b>		SampType: <b>MSD</b>		Units: <b>mg/Kg-dry</b>		Prep Date: <b>9/3/2010</b>		RunNo: <b>139831</b>			
Client ID: <b>P5-G2.5-F (22)MSD</b>		Batch ID: <b>62891</b>		<b>SW3550B</b>		Analysis Date: <b>9/7/2010</b>		SeqNo: <b>2725429</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.318	0.007	0.3605	0.01725	83.4	36	135	0.3242	1.92	49.7	
Acenaphthylene	0.301	0.007	0.3605	0.01078	80.6	17.2	167	0.3022	0.254	33.3	
Anthracene	0.301	0.007	0.3605	0.01222	80.2	39.3	124	0.3000	0.475	51.1	
Benzo(a)anthracene	0.304	0.007	0.3605	0.01653	79.6	10	183	0.2927	3.66	40.6	
Benzo(a)pyrene	0.330	0.007	0.3605	0.01006	88.8	10	204	0.3249	1.63	56.4	
Benzo(b)fluoranthene	0.330	0.007	0.3605	0.01293	87.8	10.6	178	0.3249	1.41	49.7	
Benzo(g,h,i)perylene	0.312	0.007	0.3605	0.01078	83.4	10	168	0.3169	1.70	36.5	
Benzo(k)fluoranthene	0.315	0.007	0.3605	0	87.4	27.6	181	0.3103	1.55	42.6	
Bis(2-ethylhexyl)phthalate	0.374	0.145	0.3605	0	103.8	50	150	0.3630	3.03	60.3	
Chrysene	0.330	0.007	0.3605	0.01078	88.4	10	176	0.3205	2.77	45.1	
Dibenzo(a,h)anthracene	0.312	0.007	0.3605	0	86.6	12.2	156	0.3154	1.00	39.9	
Fluoranthene	0.330	0.007	0.3605	0.03521	81.6	10	227	0.2861	14.1	66.2	
Fluorene	0.315	0.007	0.3605	0.01653	82.8	35.2	148	0.3191	1.24	65.6	
Indeno(1,2,3-cd)pyrene	0.317	0.007	0.3605	0	88.0	10	164	0.3205	1.01	36.5	
Naphthalene	0.343	0.007	0.3605	0.09126	69.9	14.7	128	0.4032	16.1	39.6	
Phenanthrene	0.374	0.007	0.3605	0.06036	87.0	32.8	143	0.3813	1.89	35.4	
Pyrene	0.356	0.007	0.3605	0.03018	90.4	10	180	0.3403	4.56	60.1	
Surr: 2-Fluorobiphenyl	0.245		0.3605		68.1	10	131		0	40	
Surr: Nitrobenzene-d5	0.263		0.3605		72.9	10	132		0	40	
Surr: p-Terphenyl-d14	0.273		0.3605		75.8	30.6	131		0	40	

Sample ID: <b>MB-62889</b>		SampType: <b>MBLK</b>		Units: <b>mg/Kg</b>		Prep Date: <b>9/3/2010</b>		RunNo: <b>139936</b>			
Client ID: <b>ZZZZZZ</b>		Batch ID: <b>62889</b>		<b>SW3550B</b>		Analysis Date: <b>9/7/2010</b>		SeqNo: <b>2727574</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									

Client: PSC Industrial Outsourcing, LP

## ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: **SW8270C**

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>MB-62889</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139936</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62889</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2727574</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	0.746		0.8350		89.3	46.3	106				
Surr: Nitrobenzene-d5	0.663		0.8350		79.4	42.4	99.2				
Surr: p-Terphenyl-d14	0.927		0.8350		111.0	45.5	115				

Sample ID: <b>LCS-62889</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date: <b>9/3/2010</b>	RunNo: <b>139936</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62889</b>	<b>SW3550B</b>	Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2727575</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.42	0.0340	1.670	0	85.0	50.8	113				
Acenaphthylene	1.48	0.0340	1.670	0	88.7	52.8	121				
Anthracene	1.30	0.0340	1.670	0	78.0	53.3	115				
Benzo(a)anthracene	1.28	0.0340	1.670	0	76.5	62.3	110				
Benzo(a)pyrene	1.38	0.0340	1.670	0	82.4	58.2	109				
Benzo(b)fluoranthene	1.42	0.0340	1.670	0	84.9	51.8	107				
Benzo(g,h,i)perylene	1.39	0.0340	1.670	0	83.5	49.6	121				
Benzo(k)fluoranthene	1.48	0.0340	1.670	0	88.4	63.1	129				
Chrysene	1.39	0.0340	1.670	0	83.2	58.4	115				
Dibenzo(a,h)anthracene	1.47	0.0340	1.670	0	88.1	54.9	120				
Fluoranthene	1.50	0.0340	1.670	0	90.1	61.6	113				

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW8270C

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>LCS-62889</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>			Prep Date: <b>9/3/2010</b>	RunNo: <b>139936</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62889</b>	<b>SW3550B</b>			Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2727575</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	1.46	0.0340	1.670	0	87.2	52.2	116				
Indeno(1,2,3-cd)pyrene	1.44	0.0340	1.670	0	86.3	52.7	115				
Naphthalene	1.31	0.0340	1.670	0	78.2	45.7	101				
Phenanthrene	1.43	0.0340	1.670	0	85.8	52.9	113				
Pyrene	1.48	0.0340	1.670	0	88.5	60.7	115				
Surr: 2-Fluorobiphenyl	0.754		0.8350		90.3	46.3	106				
Surr: Nitrobenzene-d5	0.700		0.8350		83.8	42.4	99.2				
Surr: p-Terphenyl-d14	0.834		0.8350		99.9	45.5	115				

Sample ID: <b>LCS DRO-62889</b>	SampType: <b>LCS</b>	Units: <b>%REC</b>			Prep Date: <b>9/3/2010</b>	RunNo: <b>139936</b>					
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>62889</b>	<b>SW3550B</b>			Analysis Date: <b>9/7/2010</b>	SeqNo: <b>2727576</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	0.666		0.8350		79.8	46.3	106				
Surr: Nitrobenzene-d5	0.575		0.8350		68.9	42.4	99.2				
Surr: p-Terphenyl-d14	0.863		0.8350		103.4	45.5	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: 10090178

Report Date: 04-Oct-10

Sample ID: <b>MB-R139906</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>139906</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139906</b>		Analysis Date: <b>9/8/2010</b>	SeqNo: <b>2727160</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-R139906</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>139906</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139906</b>		Analysis Date: <b>9/8/2010</b>	SeqNo: <b>2727161</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

Sample ID: <b>MB-R139906</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>139906</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139906</b>		Analysis Date: <b>9/8/2010</b>	SeqNo: <b>2727183</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-R139906</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	Prep Date:	RunNo: <b>139906</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>R139906</b>		Analysis Date: <b>9/8/2010</b>	SeqNo: <b>2727184</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

Sample ID: <b>10090178-001AMS</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	Prep Date:	RunNo: <b>139906</b>							
Client ID: <b>P5-G2.5-F (22)MS</b>	Batch ID: <b>R139906</b>		Analysis Date: <b>9/8/2010</b>	SeqNo: <b>2727186</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 1.14 0.53 1.337 0 85.1 75 125

Client: PSC Industrial Outsourcing, LP

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/Ameren Champaign 6240908012

Test Number: SW9012A (TCN) Solid

Lab Order: 10090178

Report Date: 04-Oct-10

Sample ID: <b>10090178-001AMSD</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>				Prep Date:	RunNo: <b>139906</b>				
Client ID: <b>P5-G2.5-F (22)MSD</b>	Batch ID: <b>R139906</b>					Analysis Date: <b>9/8/2010</b>	SeqNo: <b>2727187</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	1.48	0.56	1.390	0	106.4	75	125	1.138	26.1	15	R

**Client:** PSC Industrial Outsourcing, LP

## RECEIVING CHECK LIST

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

**Lab Order:** 10090178

**Report Date:** 04-Oct-10

Carrier: Susan Duffe

Received By: DB

Completed by:



Reviewed by:



On:

On:

03-Sep-10

Dawn Brantley

07-Sep-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 5.4
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 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.



September 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:** A831-735002-012901-225/Ameren Champaign  
6240908012

**WorkOrder:** 10090178

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 9/3/2010 2:10:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

---

## PRELIMINARY REPORT

A preliminary report contains data that is incomplete or data that has not been fully validated. Caution should be exercised in the use of any data presented, as final reported results may not reflect the values presented.

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** PSC Industrial Outsourcing, LP

## CASE NARRATIVE

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

**LabOrder:** 10090178

**Report Date:** 07-Sep-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

## 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:** 10090178  
**Lab ID:** 10090178-001  
**Report Date:** 07-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-G2.5-E (22)  
**Collection Date:** 9/3/2010 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		10.1	%	1	9/3/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.9	%	1	9/3/2010 3:00:00 PM	RS
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.007		0.017	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Acenaphthylene	NELAP	0.007		0.011	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Anthracene	NELAP	0.007		0.012	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(a)anthracene	NELAP	0.007		0.017	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(a)pyrene	NELAP	0.007		0.010	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(b)fluoranthene	NELAP	0.007		0.013	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(g,h,i)perylene	NELAP	0.007		0.011	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(k)fluoranthene	NELAP	0.007		ND	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Bis(2-ethylhexyl)phthalate	NELAP	0.144		ND	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Chrysene	NELAP	0.007		0.011	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Dibenzo(a,h)anthracene	NELAP	0.007		ND	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Fluoranthene	NELAP	0.007		0.035	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Fluorene	NELAP	0.007		0.017	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Indeno(1,2,3-cd)pyrene	NELAP	0.007		ND	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Naphthalene	NELAP	0.007		0.091	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Phenanthrene	NELAP	0.007		0.060	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Pyrene	NELAP	0.007		0.030	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Surr: 2-Fluorobiphenyl		10-131		72.4	%REC	1	9/7/2010 11:52:00 AM	TV
Surr: Nitrobenzene-d5		10-132		81.2	%REC	1	9/7/2010 11:52:00 AM	TV
Surr: p-Terphenyl-d14		30.6-131		78.9	%REC	1	9/7/2010 11:52:00 AM	TV
<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	9/7/2010 10:18:00 AM	DMH
1,2-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
1,3-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
1,4-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4-Dichlorophenol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4-Dimethylphenol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4-Dinitrophenol	NELAP	2.16		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Chloronaphthalene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Chlorophenol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH

## 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:** 10090178  
**Lab ID:** 10090178-001  
**Report Date:** 07-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-G2.5-E (22)  
**Collection Date:** 9/3/2010 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-Methoxy-4-methylphenol		1.40		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Methylnaphthalene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Nitroaniline	NELAP	2.16		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Nitrophenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
3-Nitroaniline	NELAP	2.16		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.16		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Chloroaniline	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Nitroaniline	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Nitrophenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Aniline	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Azobenzene		0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Benzidine	NELAP	2.28		see note	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Benzoic acid	NELAP	3.23		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Benzyl alcohol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Carbazole		1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Dibenzofuran	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Diethyl phthalate	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Dimethyl phthalate	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Hexachlorobenzene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Hexachlorobutadiene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Hexachloroethane	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Isophorone	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
m,p-Cresol	NELAP	1.08	SR	ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Nitrobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
N-Nitrosodimethylamine	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 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:** 10090178  
**Lab ID:** 10090178-001  
**Report Date:** 07-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-G2.5-E (22)  
**Collection Date:** 9/3/2010 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>								
o-Cresol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Pentachlorophenol	NELAP	4.31		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Phenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Pyridine	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
1,2-Diphenylhydrazine		1.81		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		74.5	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		78.6	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		70.6	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		72.6	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: Phenol-d5		34.9-110		71.8	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		91.7	%REC	1	9/7/2010 10:18:00 AM	DMH

### 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.  
m,p-Cresol was outside the QC limits in the Matrix spike. RPD was outside the QC limits.

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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September 08, 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:** 10090178

Dear Pete Sazama:

TEKLAB, INC received 1 sample on 9/3/2010 2:10:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. 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:** A831-735002-012901-225/Ameren Champaign 6240908012

**LabOrder:** 10090178

**Report Date:** 08-Sep-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

## 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:** 10090178  
**Lab ID:** 10090178-001  
**Report Date:** 08-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-G2.5-E (22)  
**Collection Date:** 9/3/2010 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		10.1	%	1	9/3/2010 3:00:00 PM	RS
<b><u>STANDARD METHODS 18TH ED. 2540 G</u></b>								
Total Solids		0.1		89.9	%	1	9/3/2010 3:00:00 PM	RS
<b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b>								
Arsenic	NELAP	2.50		5.72	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
Barium	NELAP	0.50		16.5	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
Cadmium	NELAP	0.20		0.21	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
Chromium	NELAP	1.00		14.5	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
Lead	NELAP	4.00		11.0	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
Selenium	NELAP	4.00	J	2.6	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
Silver	NELAP	1.00		< 1.00	mg/Kg-dry	1	9/7/2010 5:28:46 PM	LAL
<b><u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u></b>								
Diesel	NELAP	11.1		15.7	mg/Kg-dry	1	9/7/2010 8:53:00 PM	DMH
Kerosene	NELAP	11.1		ND	mg/Kg-dry	1	9/7/2010 8:53:00 PM	DMH
Mineral Spirits	NELAP	11.1		ND	mg/Kg-dry	1	9/7/2010 8:53:00 PM	DMH
Motor Oil	NELAP	11.1		ND	mg/Kg-dry	1	9/7/2010 8:53:00 PM	DMH
Surr: n-Tetracontane		50.6-140		103.1	%REC	1	9/7/2010 8:53:00 PM	DMH
<b><u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Acenaphthene	NELAP	0.007		0.017	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Acenaphthylene	NELAP	0.007		0.011	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Anthracene	NELAP	0.007		0.012	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(a)anthracene	NELAP	0.007		0.017	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(a)pyrene	NELAP	0.007		0.010	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(b)fluoranthene	NELAP	0.007		0.013	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(g,h,i)perylene	NELAP	0.007		0.011	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Benzo(k)fluoranthene	NELAP	0.007		ND	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Bis(2-ethylhexyl)phthalate	NELAP	0.144		ND	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Chrysene	NELAP	0.007		0.011	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Dibenzo(a,h)anthracene	NELAP	0.007		ND	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Fluoranthene	NELAP	0.007		0.035	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Fluorene	NELAP	0.007		0.017	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Indeno(1,2,3-cd)pyrene	NELAP	0.007		ND	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Naphthalene	NELAP	0.007		0.091	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Phenanthrene	NELAP	0.007		0.060	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Pyrene	NELAP	0.007		0.030	mg/Kg-dry	1	9/7/2010 11:52:00 AM	TV
Surr: 2-Fluorobiphenyl		10-131		72.4	%REC	1	9/7/2010 11:52:00 AM	TV
Surr: Nitrobenzene-d5		10-132		81.2	%REC	1	9/7/2010 11:52:00 AM	TV
Surr: p-Terphenyl-d14		30.6-131		78.9	%REC	1	9/7/2010 11:52:00 AM	TV

## 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:** 10090178  
**Lab ID:** 10090178-001  
**Report Date:** 08-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-G2.5-E (22)  
**Collection Date:** 9/3/2010 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>								
1,2,4-Trichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
1,2-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
1,3-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
1,4-Dichlorobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4,5-Trichlorophenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4,6-Trichlorophenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4-Dichlorophenol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4-Dimethylphenol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4-Dinitrophenol	NELAP	2.16		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,4-Dinitrotoluene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2,6-Dinitrotoluene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Chloronaphthalene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Chlorophenol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Methoxy-4-methylphenol		1.40		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Methylnaphthalene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Nitroaniline	NELAP	2.16		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
2-Nitrophenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
3,3'-Dichlorobenzidine	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
3-Nitroaniline	NELAP	2.16		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4,6-Dinitro-2-methylphenol	NELAP	2.16		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Bromophenyl phenyl ether	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Chloro-3-methylphenol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Chloroaniline	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Chlorophenyl phenyl ether	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Nitroaniline	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
4-Nitrophenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Aniline	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Azobenzene		0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Benzidine	NELAP	2.28		see note	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Benzoic acid	NELAP	3.23		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Benzyl alcohol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Bis(2-chloroethoxy)methane	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Bis(2-chloroethyl)ether	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Bis(2-chloroisopropyl)ether	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Butyl benzyl phthalate	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Carbazole		1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Dibenzofuran	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Diethyl phthalate	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
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## LABORATORY RESULTS

**Client:** PSC Industrial Outsourcing, LP  
**WorkOrder:** 10090178  
**Lab ID:** 10090178-001  
**Report Date:** 08-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-G2.5-E (22)  
**Collection Date:** 9/3/2010 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>								
Dimethyl phthalate	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Di-n-butyl phthalate	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Di-n-octyl phthalate	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Hexachlorobenzene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Hexachlorobutadiene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Hexachlorocyclopentadiene	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Hexachloroethane	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Isophorone	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
m,p-Cresol	NELAP	1.08	SR	ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Nitrobenzene	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
N-Nitrosodimethylamine	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
N-Nitroso-di-n-propylamine	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
N-Nitrosodiphenylamine	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
o-Cresol	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Pentachlorophenol	NELAP	4.31		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Phenol	NELAP	0.754		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Pyridine	NELAP	1.08		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
1,2-Diphenylhydrazine		1.81		ND	mg/Kg-dry	1	9/7/2010 10:18:00 AM	DMH
Surr: 2,4,6-Tribromophenol		32.7-130		74.5	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: 2-Fluorobiphenyl		34.1-116		78.6	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: 2-Fluorophenol		30.5-99		70.6	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: Nitrobenzene-d5		34.1-101		72.6	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: Phenol-d5		34.9-110		71.8	%REC	1	9/7/2010 10:18:00 AM	DMH
Surr: p-Terphenyl-d14		41.7-124		91.7	%REC	1	9/7/2010 10:18:00 AM	DMH
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,1,1,2-Tetrachloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1,1-Trichloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1,2,2-Tetrachloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1,2-Trichloro-1,2,2-trifluoroethane		119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1,2-Trichloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1-Dichloro-2-propanone		1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1-Dichloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1-Dichloroethene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,1-Dichloropropene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2,3-Trichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2,3-Trichloropropane	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2,3-Trimethylbenzene		119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2,4-Trichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 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:** 10090178  
**Lab ID:** 10090178-001  
**Report Date:** 08-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-G2.5-E (22)  
**Collection Date:** 9/3/2010 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
1,2,4-Trimethylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2-Dibromo-3-chloropropane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2-Dibromoethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2-Dichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2-Dichloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,2-Dichloropropane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,3,5-Trimethylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,3-Dichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,3-Dichloropropane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1,4-Dichlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
1-Chlorobutane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
2,2-Dichloropropane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
2-Butanone	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
2-Chlorotoluene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
2-Hexanone	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
2-Nitropropane	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
4-Chlorotoluene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
4-Methyl-2-pentanone	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Acetone	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Acetonitrile	NELAP	2380		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Acrolein	NELAP	2380		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Acrylonitrile	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Allyl chloride	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Benzene	NELAP	23.8		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Bromobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Bromochloromethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Bromodichloromethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Bromoform	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Bromomethane	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Carbon disulfide	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Carbon tetrachloride	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Chlorobenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Chloroethane	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Chloroform	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Chloromethane	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
cis-1,2-Dichloroethene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
cis-1,3-Dichloropropene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Cyclohexanone		2380		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 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:** 10090178  
**Lab ID:** 10090178-001  
**Report Date:** 08-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-G2.5-E (22)  
**Collection Date:** 9/3/2010 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Dibromochloromethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Dibromomethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Dichlorodifluoromethane	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Ethyl acetate	NELAP	1190	J	700	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Ethyl ether	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Ethyl methacrylate	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Ethylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Gasoline Range Organics (OA-1)		23800		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Heptane		476		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Hexachlorobutadiene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Hexachloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Iodomethane	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Isopropylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
m,p-Xylenes	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Methacrylonitrile	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Methyl Methacrylate	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Methyl tert-butyl ether	NELAP	47.6		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Methylacrylate		238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Methylene chloride	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Naphthalene	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
n-Butylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
n-Hexane		476		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Nitrobenzene	NELAP	2380		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
n-Propylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
o-Xylene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Pentachloroethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
p-Isopropyltoluene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Propionitrile	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
sec-Butylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Styrene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
tert-Butylbenzene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Tetrachloroethene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Tetrahydrofuran	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Toluene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
trans-1,2-Dichloroethene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
trans-1,3-Dichloropropene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
trans-1,4-Dichloro-2-butene	NELAP	238		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Trichloroethene	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 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:** 10090178  
**Lab ID:** 10090178-001  
**Report Date:** 08-Sep-10

**Client Project:** A831-735002-012901-225/Ameren C  
**Client Sample ID:** P5-G2.5-E (22)  
**Collection Date:** 9/3/2010 9:15:00 AM  
**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<b><u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u></b>								
Trichlorofluoromethane	NELAP	119		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Vinyl acetate	NELAP	1190		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Vinyl chloride	NELAP	47.6		ND	µg/Kg-dry	12.5	9/7/2010 1:46:00 PM	RWE
Surr: 1,2-Dichloroethane-d4		72.2-131		85.0	%REC	12.5	9/7/2010 1:46:00 PM	RWE
Surr: 4-Bromofluorobenzene		82.1-116		103.2	%REC	12.5	9/7/2010 1:46:00 PM	RWE
Surr: Dibromofluoromethane		77.7-120		97.3	%REC	12.5	9/7/2010 1:46:00 PM	RWE
Surr: Toluene-d8		86-116		95.2	%REC	12.5	9/7/2010 1:46:00 PM	RWE
<b><u>SW-846 7471A</u></b>								
Mercury	NELAP	0.011		0.018	mg/Kg-dry	1	9/7/2010	MEK

### 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.  
m,p-Cresol was outside the QC limits in the Matrix spike. RPD was outside the QC limits.

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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September 02, 2011

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



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

**WorkOrder:** 11081122

Dear Pete Sazama:

TEKLAB, INC received 5 samples on 8/25/2011 3:30:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,



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



## Report Contents

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

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081122

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

**Report Date:** 02-Sep-11

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**This reporting package includes the following:**

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	4
Laboratory Results	5
Sample Summary	10
Dates Report	11
Quality Control Results	12
Receiving Check List	17
Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081122

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

**Report Date:** 02-Sep-11

### Abbr Definition

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

### Qualifiers

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





## Case Narrative

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081122

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

**Report Date:** 02-Sep-11

**Cooler Receipt Temp:** 5.8 °C

### Locations and Accreditations

#### Collinsville

Address 5445 Horseshoe Lake Road  
Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

Email jhriley@teklabinc.com

#### Springfield

Address 3920 Pintail Dr  
Springfield, IL 62711-9415

Phone (217) 698-1004

Fax (217) 698-1005

Email kmclain@teklabinc.com

#### Kansas City

Address 8421 Nieman Road  
Lenexa, KS 66214

Phone (913) 541-1998

Fax (913) 541-1998

Email dthompson@teklabinc.com

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2012	Collinsville
Kansas	KDHE	E-10374	NELAP	1/31/2012	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2012	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2012	Springfield
Arkansas	ADEQ	88-0966		3/14/2012	Collinsville
Illinois	IDPH	17584		4/30/2012	Collinsville
Kentucky	UST	0073		5/26/2012	Collinsville
Missouri	MDNR	00930		4/13/2013	Collinsville
Oklahoma	ODEQ	9978		8/31/2012	Collinsville

Client: PSC Industrial Outsourcing, LP

Work Order: 11081122

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

Report Date: 02-Sep-11

Lab ID: 11081122-001

Client Sample ID: PA5-08 (3)

Matrix: SOLID

Collection Date: 08/23/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		28.1	%	1	08/26/2011 10:40	R153722
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740	NELAP	0.577	1.63	mg/Kg-dry	1	08/30/2011 9:13	70823
<b>SW-846 7471A</b>								
Mercury		NELAP	0.014	0.050	mg/Kg-dry	1	08/31/2011 10:01	70806
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.309		12.1	mg/Kg-dry	25	08/30/2011 5:40	70788
Acenaphthene	NELAP	0.350		65.7	mg/Kg-dry	25	08/30/2011 5:40	70788
Acenaphthylene	NELAP	0.350		8.78	mg/Kg-dry	25	08/30/2011 5:40	70788
Anthracene	NELAP	0.350		40.0	mg/Kg-dry	25	08/30/2011 5:40	70788
Benzo(a)anthracene	NELAP	0.350		22.2	mg/Kg-dry	25	08/30/2011 5:40	70788
Benzo(a)pyrene	NELAP	0.350		19.5	mg/Kg-dry	25	08/30/2011 5:40	70788
Benzo(b)fluoranthene	NELAP	0.350		15.7	mg/Kg-dry	25	08/30/2011 5:40	70788
Benzo(g,h,i)perylene	NELAP	0.350		9.19	mg/Kg-dry	25	08/30/2011 5:40	70788
Benzo(k)fluoranthene	NELAP	0.350		5.28	mg/Kg-dry	25	08/30/2011 5:40	70788
Bis(2-ethylhexyl)phthalate	NELAP	6.89		ND	mg/Kg-dry	25	08/30/2011 5:40	70788
Chrysene	NELAP	0.350		20.9	mg/Kg-dry	25	08/30/2011 5:40	70788
Dibenzo(a,h)anthracene	NELAP	0.350		2.57	mg/Kg-dry	25	08/30/2011 5:40	70788
Fluoranthene	NELAP	0.350		46.2	mg/Kg-dry	25	08/30/2011 5:40	70788
Fluorene	NELAP	0.350		41.8	mg/Kg-dry	25	08/30/2011 5:40	70788
Indeno(1,2,3-cd)pyrene	NELAP	0.350		7.58	mg/Kg-dry	25	08/30/2011 5:40	70788
Naphthalene	NELAP	0.350		25.2	mg/Kg-dry	25	08/30/2011 5:40	70788
Phenanthrene	NELAP	0.350	B	78.4	mg/Kg-dry	25	08/30/2011 5:40	70788
Pyrene	NELAP	0.350		67.4	mg/Kg-dry	25	08/30/2011 5:40	70788
Surr: 2-Fluorobiphenyl		10-131		74.9	%REC	25	08/30/2011 5:40	70788
Surr: Nitrobenzene-d5		10-132		102.3	%REC	25	08/30/2011 5:40	70788
Surr: p-Terphenyl-d14		80.2-138		94.8	%REC	25	08/30/2011 5:40	70788
<i>Phenanthrene in method blank. Sample result was more than 10 times the blank contamination. Data is reportable.</i>								
<i>Elevated reporting limit(s) due to sample extract composition.</i>								
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	557		4140	µg/Kg-dry	125	08/30/2011 16:58	70854
Ethylbenzene	NELAP	2790		32200	µg/Kg-dry	125	08/30/2011 16:58	70854
Xylenes, Total	NELAP	2790		25300	µg/Kg-dry	125	08/30/2011 16:58	70854
Surr: 1,2-Dichloroethane-d4		72.2-131		108.6	%REC	125	08/30/2011 16:58	70854
Surr: 4-Bromofluorobenzene		82.1-116		105.7	%REC	125	08/30/2011 16:58	70854
Surr: Dibromofluoromethane		77.7-120		109.0	%REC	125	08/30/2011 16:58	70854
Surr: Toluene-d8		86-116		98.8	%REC	125	08/30/2011 16:58	70854

Client: PSC Industrial Outsourcing, LP

Work Order: 11081122

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

Report Date: 02-Sep-11

Lab ID: 11081122-002

Client Sample ID: PA4-00 (10)

Matrix: SOLID

Collection Date: 08/23/2011 9:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		21.1	%	1	08/26/2011 10:41	R153722

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

Selenium	7740	NELAP	0.566	S	< 0.566	mg/Kg-dry	1	08/31/2011 9:19	70823
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Matrix interference present in sample. Verified by Bench Spike.

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

2-Methylnaphthalene	NELAP	0.095	SR	10.4	mg/Kg-dry	25	08/30/2011 6:15	70788
Acenaphthene	NELAP	0.108	S	7.07	mg/Kg-dry	25	08/30/2011 6:15	70788
Acenaphthylene	NELAP	0.108	SR	15.6	mg/Kg-dry	25	08/30/2011 6:15	70788
Anthracene	NELAP	0.108	S	11.8	mg/Kg-dry	25	08/30/2011 6:15	70788
Benzo(a)anthracene	NELAP	0.108	SR	5.74	mg/Kg-dry	25	08/30/2011 6:15	70788
Benzo(a)pyrene	NELAP	0.108	S	5.01	mg/Kg-dry	25	08/30/2011 6:15	70788
Benzo(b)fluoranthene	NELAP	0.108	S	3.90	mg/Kg-dry	25	08/30/2011 6:15	70788
Benzo(g,h,i)perylene	NELAP	0.108	S	1.86	mg/Kg-dry	25	08/30/2011 6:15	70788
Benzo(k)fluoranthene	NELAP	0.108	S	1.28	mg/Kg-dry	25	08/30/2011 6:15	70788
Bis(2-ethylhexyl)phthalate	NELAP	2.12	S	ND	mg/Kg-dry	25	08/30/2011 6:15	70788
Chrysene	NELAP	0.108	S	5.37	mg/Kg-dry	25	08/30/2011 6:15	70788
Dibenzo(a,h)anthracene	NELAP	0.108	S	0.528	mg/Kg-dry	25	08/30/2011 6:15	70788
Fluoranthene	NELAP	0.108	S	12.8	mg/Kg-dry	25	08/30/2011 6:15	70788
Fluorene	NELAP	0.108	S	17.3	mg/Kg-dry	25	08/30/2011 6:15	70788
Indeno(1,2,3-cd)pyrene	NELAP	0.108	S	1.55	mg/Kg-dry	25	08/30/2011 6:15	70788
Naphthalene	NELAP	0.108	SR	38.0	mg/Kg-dry	25	08/30/2011 6:15	70788
Phenanthrene	NELAP	0.108	SRB	38.8	mg/Kg-dry	25	08/30/2011 6:15	70788
Pyrene	NELAP	0.108	S	17.3	mg/Kg-dry	25	08/30/2011 6:15	70788
Surr: 2-Fluorobiphenyl		10-131		84.8	%REC	25	08/30/2011 6:15	70788
Surr: Nitrobenzene-d5		10-132		79.8	%REC	25	08/30/2011 6:15	70788
Surr: p-Terphenyl-d14		80.2-138		104.8	%REC	25	08/30/2011 6:15	70788

Phenanthrene in method blank. Sample result was more than 10 times the blank contamination. Data is reportable.

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

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

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

Benzene	NELAP	841		ND	µg/Kg-dry	500	08/30/2011 17:30	70854
Xylenes, Total	NELAP	4210		ND	µg/Kg-dry	500	08/30/2011 17:30	70854
Surr: 1,2-Dichloroethane-d4		72.2-131		110.1	%REC	500	08/30/2011 17:30	70854
Surr: 4-Bromofluorobenzene		82.1-116		107.9	%REC	500	08/30/2011 17:30	70854
Surr: Dibromofluoromethane		77.7-120		109.1	%REC	500	08/30/2011 17:30	70854
Surr: Toluene-d8		86-116		98.2	%REC	500	08/30/2011 17:30	70854

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11081122

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

Report Date: 02-Sep-11

Lab ID: 11081122-003

Client Sample ID: PA5-07 (3)

Matrix: SOLID

Collection Date: 08/23/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		23.7	%	1	08/26/2011 10:41	R153722
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740	NELAP	0.577	0.611	mg/Kg-dry	1	08/30/2011 9:33	70823
<b>SW-846 7471A</b>								
Mercury		NELAP	0.013	0.051	mg/Kg-dry	1	08/31/2011 10:01	70806
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.098		ND	mg/Kg-dry	25	08/31/2011 5:03	70788
Acenaphthene	NELAP	0.111		ND	mg/Kg-dry	25	08/31/2011 5:03	70788
Acenaphthylene	NELAP	0.111		0.676	mg/Kg-dry	25	08/31/2011 5:03	70788
Anthracene	NELAP	0.111		0.131	mg/Kg-dry	25	08/31/2011 5:03	70788
Benzo(a)anthracene	NELAP	0.111		0.196	mg/Kg-dry	25	08/31/2011 5:03	70788
Benzo(a)pyrene	NELAP	0.111		0.403	mg/Kg-dry	25	08/31/2011 5:03	70788
Benzo(b)fluoranthene	NELAP	0.111		0.305	mg/Kg-dry	25	08/31/2011 5:03	70788
Benzo(g,h,i)perylene	NELAP	0.111		0.752	mg/Kg-dry	25	08/31/2011 5:03	70788
Benzo(k)fluoranthene	NELAP	0.111		ND	mg/Kg-dry	25	08/31/2011 5:03	70788
Bis(2-ethylhexyl)phthalate	NELAP	2.19		ND	mg/Kg-dry	25	08/31/2011 5:03	70788
Chrysene	NELAP	0.111		0.207	mg/Kg-dry	25	08/31/2011 5:03	70788
Dibenzo(a,h)anthracene	NELAP	0.111		ND	mg/Kg-dry	25	08/31/2011 5:03	70788
Fluoranthene	NELAP	0.111		0.174	mg/Kg-dry	25	08/31/2011 5:03	70788
Fluorene	NELAP	0.111		ND	mg/Kg-dry	25	08/31/2011 5:03	70788
Indeno(1,2,3-cd)pyrene	NELAP	0.111		0.447	mg/Kg-dry	25	08/31/2011 5:03	70788
Naphthalene	NELAP	0.111		0.153	mg/Kg-dry	25	08/31/2011 5:03	70788
Phenanthrene	NELAP	0.111		0.163	mg/Kg-dry	25	08/31/2011 5:03	70788
Pyrene	NELAP	0.111		0.414	mg/Kg-dry	25	08/31/2011 5:03	70788
Surr: 2-Fluorobiphenyl		10-131		69.9	%REC	25	08/31/2011 5:03	70788
Surr: Nitrobenzene-d5		10-132		69.9	%REC	25	08/31/2011 5:03	70788
Surr: p-Terphenyl-d14		80.2-138		114.8	%REC	25	08/31/2011 5:03	70788

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

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

Benzene	NELAP	64.1		ND	µg/Kg-dry	25	08/30/2011 18:02	70854
Ethylbenzene	NELAP	320	J	80	µg/Kg-dry	25	08/30/2011 18:02	70854
Xylenes, Total	NELAP	320		ND	µg/Kg-dry	25	08/30/2011 18:02	70854
Surr: 1,2-Dichloroethane-d4		72.2-131		105.7	%REC	25	08/30/2011 18:02	70854
Surr: 4-Bromofluorobenzene		82.1-116		102.5	%REC	25	08/30/2011 18:02	70854
Surr: Dibromofluoromethane		77.7-120		100.3	%REC	25	08/30/2011 18:02	70854
Surr: Toluene-d8		86-116		97.6	%REC	25	08/30/2011 18:02	70854

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11081122

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

Report Date: 02-Sep-11

Lab ID: 11081122-004

Client Sample ID: PA5-10 (3)

Matrix: SOLID

Collection Date: 08/22/2011 10:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		26.6	%	1	08/26/2011 10:41	R153722
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740	NELAP	0.577	1.13	mg/Kg-dry	1	08/30/2011 9:37	70823
<b>SW-846 7471A</b>								
Mercury		NELAP	0.014	0.080	mg/Kg-dry	1	08/31/2011 10:01	70806
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.293		3.61	mg/Kg-dry	25	08/31/2011 5:40	70788
Acenaphthene	NELAP	0.332		49.1	mg/Kg-dry	25	08/31/2011 5:40	70788
Acenaphthylene	NELAP	0.332		7.51	mg/Kg-dry	25	08/31/2011 5:40	70788
Anthracene	NELAP	0.332		26.6	mg/Kg-dry	25	08/31/2011 5:40	70788
Benzo(a)anthracene	NELAP	0.332		28.7	mg/Kg-dry	25	08/31/2011 5:40	70788
Benzo(a)pyrene	NELAP	0.332		29.6	mg/Kg-dry	25	08/31/2011 5:40	70788
Benzo(b)fluoranthene	NELAP	0.332		27.8	mg/Kg-dry	25	08/31/2011 5:40	70788
Benzo(g,h,i)perylene	NELAP	0.332		12.2	mg/Kg-dry	25	08/31/2011 5:40	70788
Benzo(k)fluoranthene	NELAP	0.332		9.04	mg/Kg-dry	25	08/31/2011 5:40	70788
Bis(2-ethylhexyl)phthalate	NELAP	6.54		ND	mg/Kg-dry	25	08/31/2011 5:40	70788
Chrysene	NELAP	0.332		28.1	mg/Kg-dry	25	08/31/2011 5:40	70788
Dibenzo(a,h)anthracene	NELAP	0.332		3.32	mg/Kg-dry	25	08/31/2011 5:40	70788
Fluoranthene	NELAP	0.332		58.9	mg/Kg-dry	25	08/31/2011 5:40	70788
Fluorene	NELAP	0.332		29.1	mg/Kg-dry	25	08/31/2011 5:40	70788
Indeno(1,2,3-cd)pyrene	NELAP	0.332		10.9	mg/Kg-dry	25	08/31/2011 5:40	70788
Naphthalene	NELAP	0.332		19.2	mg/Kg-dry	25	08/31/2011 5:40	70788
Phenanthrene	NELAP	0.332		75.4	mg/Kg-dry	25	08/31/2011 5:40	70788
Pyrene	NELAP	0.332		81.7	mg/Kg-dry	25	08/31/2011 5:40	70788
Surr: 2-Fluorobiphenyl		10-131		42.4	%REC	25	08/31/2011 5:40	70788
Surr: Nitrobenzene-d5		10-132		29.9	%REC	25	08/31/2011 5:40	70788
Surr: p-Terphenyl-d14		80.2-138	S	64.9	%REC	25	08/31/2011 5:40	70788

Surrogate recovery was outside QC limits due to matrix interference.

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

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

Benzene	NELAP	1390		2550	µg/Kg-dry	500	08/30/2011 18:33	70854
Ethylbenzene	NELAP	6940	J	4100	µg/Kg-dry	500	08/30/2011 18:33	70854
Xylenes, Total	NELAP	6940	J	4100	µg/Kg-dry	500	08/30/2011 18:33	70854
Surr: 1,2-Dichloroethane-d4		72.2-131		111.5	%REC	500	08/30/2011 18:33	70854
Surr: 4-Bromofluorobenzene		82.1-116		105.0	%REC	500	08/30/2011 18:33	70854
Surr: Dibromofluoromethane		77.7-120		109.2	%REC	500	08/30/2011 18:33	70854
Surr: Toluene-d8		86-116		97.7	%REC	500	08/30/2011 18:33	70854

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11081122

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

Report Date: 02-Sep-11

Lab ID: 11081122-005

Client Sample ID: PA5-09 (3)

Matrix: SOLID

Collection Date: 08/22/2011 16:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		26.2	%	1	08/26/2011 10:41	R153722
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740	NELAP	0.545	1.61	mg/Kg-dry	1	08/31/2011 9:39	70823
<b>SW-846 7471A</b>								
Mercury		NELAP	0.013	0.076	mg/Kg-dry	1	08/31/2011 10:01	70806
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene		NELAP	0.296	20.7	mg/Kg-dry	25	08/31/2011 6:16	70788
Acenaphthene		NELAP	0.336	80.3	mg/Kg-dry	25	08/31/2011 6:16	70788
Acenaphthylene		NELAP	0.336	8.01	mg/Kg-dry	25	08/31/2011 6:16	70788
Anthracene		NELAP	0.336	46.5	mg/Kg-dry	25	08/31/2011 6:16	70788
Benzo(a)anthracene		NELAP	0.336	25.8	mg/Kg-dry	25	08/31/2011 6:16	70788
Benzo(a)pyrene		NELAP	0.336	20.6	mg/Kg-dry	25	08/31/2011 6:16	70788
Benzo(b)fluoranthene		NELAP	0.336	16.5	mg/Kg-dry	25	08/31/2011 6:16	70788
Benzo(g,h,i)perylene		NELAP	0.336	6.79	mg/Kg-dry	25	08/31/2011 6:16	70788
Benzo(k)fluoranthene		NELAP	0.336	5.96	mg/Kg-dry	25	08/31/2011 6:16	70788
Bis(2-ethylhexyl)phthalate		NELAP	6.62	ND	mg/Kg-dry	25	08/31/2011 6:16	70788
Chrysene		NELAP	0.336	24.4	mg/Kg-dry	25	08/31/2011 6:16	70788
Dibenzo(a,h)anthracene		NELAP	0.336	1.91	mg/Kg-dry	25	08/31/2011 6:16	70788
Fluoranthene		NELAP	0.336	55.7	mg/Kg-dry	25	08/31/2011 6:16	70788
Fluorene		NELAP	0.336	51.3	mg/Kg-dry	25	08/31/2011 6:16	70788
Indeno(1,2,3-cd)pyrene		NELAP	0.336	6.03	mg/Kg-dry	25	08/31/2011 6:16	70788
Naphthalene		NELAP	0.336	32.1	mg/Kg-dry	25	08/31/2011 6:16	70788
Phenanthrene		NELAP	0.336	143	mg/Kg-dry	25	08/31/2011 6:16	70788
Pyrene		NELAP	0.336	78.5	mg/Kg-dry	25	08/31/2011 6:16	70788
Surr: 2-Fluorobiphenyl			10-131	39.9	%REC	25	08/31/2011 6:16	70788
Surr: Nitrobenzene-d5			10-132	27.4	%REC	25	08/31/2011 6:16	70788
Surr: p-Terphenyl-d14			80.2-138	62.4	%REC	25	08/31/2011 6:16	70788

Surrogate recovery was outside QC limits due to matrix interference.

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

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

Benzene	NELAP	1850		ND	µg/Kg-dry	500	08/30/2011 19:06	70854
Ethylbenzene	NELAP	9250	J	8100	µg/Kg-dry	500	08/30/2011 19:06	70854
Xylenes, Total	NELAP	9250	J	5300	µg/Kg-dry	500	08/30/2011 19:06	70854
Surr: 1,2-Dichloroethane-d4		72.2-131		108.9	%REC	500	08/30/2011 19:06	70854
Surr: 4-Bromofluorobenzene		82.1-116		106.8	%REC	500	08/30/2011 19:06	70854
Surr: Dibromofluoromethane		77.7-120		107.0	%REC	500	08/30/2011 19:06	70854
Surr: Toluene-d8		86-116		98.5	%REC	500	08/30/2011 19:06	70854

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



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081122

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

**Report Date:** 02-Sep-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11081122-001	PA5-08 (3)	Solid	4	08/23/2011 9:00
11081122-002	PA4-00 (10)	Solid	4	08/23/2011 9:10
11081122-003	PA5-07 (3)	Solid	4	08/23/2011 9:20
11081122-004	PA5-10 (3)	Solid	4	08/22/2011 10:00
11081122-005	PA5-09 (3)	Solid	4	08/22/2011 16:20



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081122

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

**Report Date:** 02-Sep-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11081122-001A	PA5-08 (3)	08/23/2011 9:00	8/25/2011 3:30:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/26/2011 10:40
	SW-846 3050B, Metals by GFAA		08/29/2011 15:45	08/30/2011 9:13
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/29/2011 10:38	08/30/2011 5:40
	SW-846 7471A		08/30/2011 13:07	08/31/2011 10:01
11081122-001D	PA5-08 (3)	08/23/2011 9:00	8/25/2011 3:30:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/30/2011 16:58
11081122-002A	PA4-00 (10)	08/23/2011 9:10	8/25/2011 3:30:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/26/2011 10:41
	SW-846 3050B, Metals by GFAA		08/29/2011 15:45	08/31/2011 9:19
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/29/2011 10:38	08/30/2011 6:15
11081122-002D	PA4-00 (10)	08/23/2011 9:10	8/25/2011 3:30:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/30/2011 17:30
11081122-003A	PA5-07 (3)	08/23/2011 9:20	8/25/2011 3:30:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/26/2011 10:41
	SW-846 3050B, Metals by GFAA		08/29/2011 15:45	08/30/2011 9:33
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/29/2011 10:38	08/31/2011 5:03
	SW-846 7471A		08/30/2011 13:07	08/31/2011 10:01
11081122-003D	PA5-07 (3)	08/23/2011 9:20	8/25/2011 3:30:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/30/2011 18:02
11081122-004A	PA5-10 (3)	08/22/2011 10:00	8/25/2011 3:30:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/26/2011 10:41
	SW-846 3050B, Metals by GFAA		08/29/2011 15:45	08/30/2011 9:37
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/29/2011 10:38	08/31/2011 5:40
	SW-846 7471A		08/30/2011 13:07	08/31/2011 10:01
11081122-004D	PA5-10 (3)	08/22/2011 10:00	8/25/2011 3:30:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/30/2011 18:33
11081122-005A	PA5-09 (3)	08/22/2011 16:20	8/25/2011 3:30:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/26/2011 10:41
	SW-846 3050B, Metals by GFAA		08/29/2011 15:45	08/31/2011 9:39
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/29/2011 10:38	08/31/2011 6:16
	SW-846 7471A		08/30/2011 13:07	08/31/2011 10:01
11081122-005D	PA5-09 (3)	08/22/2011 16:20	8/25/2011 3:30:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/30/2011 19:06





## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081122

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

**Report Date:** 02-Sep-11

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

Batch R153722 SampType: LCS		Units %								
SampID: LCS-PMOIST										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Percent Moisture	0.1		99.0	99.0	0	100	99.9	100.1	08/26/2011	

Batch R153722 SampType: LCS		Units %								
SampID: LCSQC-PMOIST										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Percent Moisture	0.1		99.0	99.0	0	100	99.9	100.1	08/26/2011	

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

Batch 70823 SampType: MBLK		Units mg/Kg-dry								
SampID: MB-70823										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium 7740	0.600		< 0.600	0.600	0	0	-100	100	08/30/2011	

Batch 70823 SampType: LCS		Units mg/Kg-dry								
SampID: LCS-70823										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium 7740	0.600		2.68	3.00	0	89.3	80	120	08/30/2011	

Batch 70823 SampType: MS		Units mg/Kg-dry								
SampID: 11081122-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium 7740	1.13	S	1.87	2.83	0	66.0	70	130	08/31/2011	

Batch 70823 SampType: MSD		Units mg/Kg-dry		RPD Limit 20						
SampID: 11081122-002AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Selenium 7740	1.13		2.27	2.83	0	80.1	1.867	19.38	08/31/2011	

### SW-846 7471A

Batch 70806 SampType: MBLK		Units mg/Kg								
SampID: MB-70806										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.010		< 0.010	0.010	0	0	-100	100	08/31/2011	

Batch 70806 SampType: LCS		Units mg/Kg								
SampID: LCS-70806										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.010		0.270	0.250	0	107.8	85	115	08/31/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081122

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

**Report Date:** 02-Sep-11

**SW-846 7471A**

Batch 70806		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11081122-003AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.013		<b>0.378</b>	0.324	0.05111	101.2	75	125	08/31/2011	

Batch 70806		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed
SampID: 11081122-003AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury	0.013		<b>0.403</b>	0.324	0.05111	108.8	0.3785	6.29	08/31/2011	

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

Batch 70788		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-70788										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
2-Methylnaphthalene	0.003		ND						08/30/2011	
Acenaphthene	0.003		ND						08/30/2011	
Acenaphthylene	0.003		ND						08/30/2011	
Anthracene	0.003		ND						08/30/2011	
Benzo(a)anthracene	0.003		ND						08/30/2011	
Benzo(a)pyrene	0.003		ND						08/30/2011	
Benzo(b)fluoranthene	0.003		ND						08/30/2011	
Benzo(g,h,i)perylene	0.003		ND						08/30/2011	
Benzo(k)fluoranthene	0.003		ND						08/30/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						08/30/2011	
Chrysene	0.003		ND						08/30/2011	
Dibenzo(a,h)anthracene	0.003		ND						08/30/2011	
Fluoranthene	0.003		ND						08/30/2011	
Fluorene	0.003		ND						08/30/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						08/30/2011	
Naphthalene	0.003		ND						08/30/2011	
Phenanthrene	0.003		<b>0.004</b>						08/30/2011	
Pyrene	0.003		ND						08/30/2011	
Surr: 2-Fluorobiphenyl			<b>0.139</b>	0.167		83.0	45.7	89.2	08/30/2011	
Surr: Nitrobenzene-d5			<b>0.134</b>	0.167		80.0	31.4	100	08/30/2011	
Surr: p-Terphenyl-d14			<b>0.158</b>	0.167		94.6	53.3	124	08/30/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11081122

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

Report Date: 02-Sep-11

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

Batch 70788		SampType: LCS		Units mg/Kg						
SampID: LCS-70788										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
2-Methylnaphthalene	0.003		0.115	0.167	0	68.9	50	150	08/30/2011	
Acenaphthene	0.003		0.110	0.167	0	65.7	56.3	115	08/30/2011	
Acenaphthylene	0.003		0.106	0.167	0	63.5	60.3	143	08/30/2011	
Anthracene	0.003		0.106	0.167	0	63.3	52.1	109	08/30/2011	
Benzo(a)anthracene	0.003		0.109	0.167	0	65.3	52.8	112	08/30/2011	
Benzo(a)pyrene	0.003		0.118	0.167	0	70.5	40.8	127	08/30/2011	
Benzo(b)fluoranthene	0.003		0.122	0.167	0	73.3	50.1	150	08/30/2011	
Benzo(g,h,i)perylene	0.003		0.126	0.167	0	75.2	52.8	145	08/30/2011	
Benzo(k)fluoranthene	0.003		0.121	0.167	0	72.5	52	153	08/30/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.117	0.167	0	70.3	50	150	08/30/2011	
Chrysene	0.003		0.114	0.167	0	68.5	60.8	128	08/30/2011	
Dibenzo(a,h)anthracene	0.003		0.131	0.167	0	78.2	54.9	150	08/30/2011	
Fluoranthene	0.003		0.123	0.167	0	73.9	58.7	125	08/30/2011	
Fluorene	0.003		0.116	0.167	0	69.5	57.8	125	08/30/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.129	0.167	0	77.4	52	147	08/30/2011	
Naphthalene	0.003		0.108	0.167	0	64.7	54.8	113	08/30/2011	
Phenanthrene	0.003	B	0.115	0.167	0	68.7	60.4	121	08/30/2011	
Pyrene	0.003		0.121	0.167	0	72.3	57.9	129	08/30/2011	
Surr: 2-Fluorobiphenyl			0.090	0.167		53.7	45.7	89.2	08/30/2011	
Surr: Nitrobenzene-d5			0.078	0.167		46.9	31.4	100	08/30/2011	
Surr: p-Terphenyl-d14			0.157	0.167		94.2	53.3	124	08/30/2011	

Batch 70788		SampType: MS		Units mg/Kg-dry						
SampID: 11081122-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
2-Methylnaphthalene	0.095	S	8.94	0.211	10.42	-701.7	50	150	08/30/2011	
Acenaphthene	0.107	S	6.89	0.211	7.067	-82.1	36	135	08/30/2011	
Acenaphthylene	0.107	S	16.3	0.211	15.58	337.3	17.2	167	08/30/2011	
Anthracene	0.107	S	12.4	0.211	11.77	299.0	39.3	124	08/30/2011	
Benzo(a)anthracene	0.107	S	6.19	0.211	5.736	214.6	10	183	08/30/2011	
Benzo(a)pyrene	0.107		5.39	0.211	5.007	180.9	10	204	08/30/2011	
Benzo(b)fluoranthene	0.107		4.24	0.211	3.898	162.9	10.6	178	08/30/2011	
Benzo(g,h,i)perylene	0.107		2.00	0.211	1.859	66.6	10	168	08/30/2011	
Benzo(k)fluoranthene	0.107		1.64	0.211	1.278	172.4	27.6	181	08/30/2011	
Bis(2-ethylhexyl)phthalate	2.12	S	ND	0.211	0	0	50	150	08/30/2011	
Chrysene	0.107	S	5.82	0.211	5.367	215.3	10	176	08/30/2011	
Dibenzo(a,h)anthracene	0.107		0.705	0.211	0.5282	83.9	12.2	156	08/30/2011	
Fluoranthene	0.107	S	13.6	0.211	12.82	352.0	10	227	08/30/2011	
Fluorene	0.107	S	17.7	0.211	17.26	204.6	35.2	148	08/30/2011	
Indeno(1,2,3-cd)pyrene	0.107		1.72	0.211	1.553	77.1	10	164	08/30/2011	
Naphthalene	0.107	S	33.9	0.211	38.02	-1932	14.7	128	08/30/2011	
Phenanthrene	0.107	S	40.4	0.211	38.76	796.1	32.8	143	08/30/2011	
Pyrene	0.107	S	18.3	0.211	17.35	464.0	10	180	08/30/2011	
Surr: 2-Fluorobiphenyl			0.147	0.211		69.9	10	131	08/30/2011	
Surr: Nitrobenzene-d5			0.126	0.211		59.9	10	132	08/30/2011	
Surr: p-Terphenyl-d14			0.221	0.211		104.8	30.6	131	08/30/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081122

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

**Report Date:** 02-Sep-11

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

Batch 70788		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		
SampID: 11081122-002AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
2-Methylnaphthalene	0.095	SR	3.32	0.211	10.42	-3365	8.936	91.73	08/31/2011	
Acenaphthene	0.107	S	6.93	0.211	7.067	-66.0	6.894	0.49	08/31/2011	
Acenaphthylene	0.107	SR	9.41	0.211	15.58	-2924	16.29	53.53	08/31/2011	
Anthracene	0.107	S	8.39	0.211	11.77	-1600	12.40	38.55	08/31/2011	
Benzo(a)anthracene	0.107	SR	3.95	0.211	5.736	-847.4	6.189	44.21	08/31/2011	
Benzo(a)pyrene	0.107	S	3.26	0.211	5.007	-826.3	5.389	49.12	08/31/2011	
Benzo(b)fluoranthene	0.107	S	2.76	0.211	3.898	-540.1	4.242	42.37	08/31/2011	
Benzo(g,h,i)perylene	0.107	S	1.46	0.211	1.859	-187.6	2.000	30.97	08/31/2011	
Benzo(k)fluoranthene	0.107	S	1.11	0.211	1.278	-81.9	1.642	39.05	08/31/2011	
Bis(2-ethylhexyl)phthalate	2.12	S	ND	0.211	0	0	0	0.00	08/31/2011	
Chrysene	0.107	S	3.79	0.211	5.367	-747.0	5.821	42.25	08/31/2011	
Dibenzo(a,h)anthracene	0.107	S	0.505	0.211	0.5282	-10.8	0.7052	33.01	08/31/2011	
Fluoranthene	0.107	S	8.71	0.211	12.82	-1951	13.57	43.64	08/31/2011	
Fluorene	0.107	S	11.6	0.211	17.26	-2662	17.69	41.23	08/31/2011	
Indeno(1,2,3-cd)pyrene	0.107	S	1.19	0.211	1.553	-172.1	1.716	36.20	08/31/2011	
Naphthalene	0.107	SR	17.5	0.211	38.02	-9746	33.94	64.15	08/31/2011	
Phenanthrene	0.107	SR	24.8	0.211	38.76	-6613	40.44	47.92	08/31/2011	
Pyrene	0.107	S	11.8	0.211	17.35	-2642	18.32	43.55	08/31/2011	
Surr: p-Terphenyl-d14			0.211	0.211		99.8			08/31/2011	

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

Batch 70854		SampType: MBLK		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: MBLK-F110830-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	1.0		ND						08/30/2011	
Ethylbenzene	5.0		ND						08/30/2011	
Xylenes, Total	5.0		ND						08/30/2011	
Surr: 1,2-Dichloroethane-d4			54.7	50.0		109.3	72.2	131	08/30/2011	
Surr: 4-Bromofluorobenzene			52.0	50.0		104.0	82.1	116	08/30/2011	
Surr: Dibromofluoromethane			54.7	50.0		109.5	77.7	120	08/30/2011	
Surr: Toluene-d8			49.8	50.0		99.7	86	116	08/30/2011	

Batch 70854		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-F110830-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	1.0		46.4	50.0	0	92.8	46.37	0.04	08/30/2011	
Ethylbenzene	5.0		50.4	50.0	0	100.7	50.99	1.22	08/30/2011	
Xylenes, Total	5.0		147	150	0	97.9	153.9	4.67	08/30/2011	
Surr: 1,2-Dichloroethane-d4			55.4	50.0		110.8			08/30/2011	
Surr: 4-Bromofluorobenzene			51.6	50.0		103.1			08/30/2011	
Surr: Dibromofluoromethane			55.3	50.0		110.5			08/30/2011	
Surr: Toluene-d8			49.3	50.0		98.6			08/30/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081122

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

**Report Date:** 02-Sep-11

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

**Batch** 70854

**SampType:** LCS

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

SampID: LCS-F110830-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	1.0		<b>46.4</b>	50.0	0	92.7	73.9	109	08/30/2011
Ethylbenzene	5.0		<b>51.0</b>	50.0	0	102.0	84.1	115	08/30/2011
Xylenes, Total	5.0		<b>154</b>	150	0	102.6	79.1	117	08/30/2011
Surr: 1,2-Dichloroethane-d4			<b>55.0</b>	50.0		110.0	72.2	131	08/30/2011
Surr: 4-Bromofluorobenzene			<b>54.0</b>	50.0		108.0	82.1	116	08/30/2011
Surr: Dibromofluoromethane			<b>54.5</b>	50.0		109.0	77.7	120	08/30/2011
Surr: Toluene-d8			<b>49.4</b>	50.0		98.9	86	116	08/30/2011



# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11081122

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

Report Date: 02-Sep-11

Carrier: Josh Cerar

Received By: MLD

Completed by: *Marvin L. Darling II*  
On: 25-Aug-11  
Marvin L. Darling

Reviewed by: *Elizabeth A. Hurley*  
On: 26-Aug-11  
Elizabeth A. Hurley

Pages to follow: Chain of custody  Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 5.8
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<i>When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.</i>				
Water - vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input checked="" type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		

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



# Chain of Custody Record

210 West Sand Bank Road  
Columbia, IL 62236

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

1081122

COC Serial No. 11360 OF

Project Name: Champaign MGP Project Mgr.: P. Szaguma  
Project Number: 624-0108-0120 Cost Code: 50002  
Sampler(s): Flosh

Laboratory Name: Teklab, Inc  
Location: Collinsville, IL  
Sample ID (depth) Date Time

Sample ID (depth)	Date	Time	Matrix			
			Soil	Water	Air	Wipes
PA5-08 (3)	8/23/11	0900	X			
PA4-00 (10)	↓	0910	X			
PA5-07 (3)	↓	0920	X			
PA5-10 (3)	8/22/11	1000	X			
PA5-09 (3)	↓	1620	X			

Analyses by Method Name and Number	Total Number of Containers	MS/MSD		Comments (Field PID)	Lab ID #'s
		Benzene	Xylenes		
Benzene	6	X	X		1081122-001
Xylenes	6	X	X		-002
Ethylbenzene	6	X	X		-003
Styrene	5	X	X		-004
1,2-Dichloroethane	5	X	X		-005
Chrysene		X	X		
2-methylanthracene		X	X		
Selenium		X	X		
Mercury		X	X		
<b>Teklab, Inc. Courier PickUp</b>					

Laboratory Temperature upon Receipt  
5.8 F

**Samples Iced:**  Yes  No

Preservatives

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

**Lab Directives:**

Requested TAT:  24-Hour  2-3 Days  STD  Other \_\_\_\_\_

E-mail and/or Mail Results to: P. Szaguma / L. Hoessler

Send Invoice to: B. Marth

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

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

Reporting Limits: IL TAD (IAC 742) Tier 1

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

**Shipping:**

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

**Relinquished by:**

Signature: [Signature]  
Date: 8/24/11 Time: 1700

**Received by:**

Signature: [Signature]  
Date: 8/25/11 Time: 1500

September 01, 2011

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



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

**WorkOrder:** 11081123

Dear Pete Sazama:

TEKLAB, INC received 5 samples on 8/25/2011 3:30:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,



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





## Report Contents

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

---

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081123

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

**Report Date:** 01-Sep-11

---

**This reporting package includes the following:**

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	4
Laboratory Results	5
Sample Summary	10
Dates Report	11
Quality Control Results	12
Receiving Check List	13
Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081123

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

**Report Date:** 01-Sep-11

### Abbr Definition

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

### Qualifiers

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



## Case Narrative

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081123

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

**Report Date:** 01-Sep-11

**Cooler Receipt Temp:** 5.8 °C

### Locations and Accreditations

#### Collinsville

Address 5445 Horseshoe Lake Road  
Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

Email jhriley@teklabinc.com

#### Springfield

Address 3920 Pintail Dr  
Springfield, IL 62711-9415

Phone (217) 698-1004

Fax (217) 698-1005

Email kmclain@teklabinc.com

#### Kansas City

Address 8421 Nieman Road  
Lenexa, KS 66214

Phone (913) 541-1998

Fax (913) 541-1998

Email dthompson@teklabinc.com

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2012	Collinsville
Kansas	KDHE	E-10374	NELAP	1/31/2012	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2012	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2012	Springfield
Arkansas	ADEQ	88-0966		3/14/2012	Collinsville
Illinois	IDPH	17584		4/30/2012	Collinsville
Kentucky	UST	0073		5/26/2012	Collinsville
Missouri	MDNR	00930		4/13/2013	Collinsville
Oklahoma	ODEQ	9978		8/31/2012	Collinsville



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081123

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

**Report Date:** 01-Sep-11

**Lab ID:** 11081123-001

**Client Sample ID:** PA5-10 (3)

**Matrix:** SOLID

**Collection Date:** 08/22/2011 10:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		27.4	%	1	08/26/2011 10:42	R153722
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	1720	#	10400	mg/Kg-dry	250	08/31/2011 11:35	70824
Kerosene	NELAP	1720		ND	mg/Kg-dry	250	08/31/2011 11:35	70824
Mineral Spirits	NELAP	1720		ND	mg/Kg-dry	250	08/31/2011 11:35	70824
Motor Oil	NELAP	1720		ND	mg/Kg-dry	250	08/31/2011 11:35	70824
Surr: n-Tetracontane		50.6-140	S	26.7	%REC	250	08/31/2011 11:35	70824

*Surrogate recovery was outside QC limits due to matrix interference.*

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



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081123

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

**Report Date:** 01-Sep-11

**Lab ID:** 11081123-002

**Client Sample ID:** PA5-09 (3)

**Matrix:** SOLID

**Collection Date:** 08/22/2011 16:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		27.0	%	1	08/26/2011 10:43	R153722
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	1700	#	17200	mg/Kg-dry	250	08/31/2011 11:53	70824
Kerosene	NELAP	1700		ND	mg/Kg-dry	250	08/31/2011 11:53	70824
Mineral Spirits	NELAP	1700		ND	mg/Kg-dry	250	08/31/2011 11:53	70824
Motor Oil	NELAP	1700	#	2090	mg/Kg-dry	250	08/31/2011 11:53	70824
Surr: n-Tetracontane		50.6-140	S	5.6	%REC	250	08/31/2011 11:53	70824

*Surrogate recovery was outside QC limits due to matrix interference.*

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



# Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081123

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

**Report Date:** 01-Sep-11

**Lab ID:** 11081123-003

**Client Sample ID:** PA5-08 (3)

**Matrix:** SOLID

**Collection Date:** 08/23/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		28.5	%	1	08/26/2011 10:43	R153722
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	3490	#	28300	mg/Kg-dry	250	08/31/2011 12:10	70824
Kerosene	NELAP	3490		ND	mg/Kg-dry	250	08/31/2011 12:10	70824
Mineral Spirits	NELAP	3490		ND	mg/Kg-dry	250	08/31/2011 12:10	70824
Motor Oil	NELAP	3490		ND	mg/Kg-dry	250	08/31/2011 12:10	70824
Surr: n-Tetracontane		50.6-140	S	0	%REC	250	08/31/2011 12:10	70824
<i>Surrogate recovery was outside QC limits due to matrix interference.</i>								
<i>Elevated reporting limit(s) due to sample extract composition.</i>								



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081123

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

**Report Date:** 01-Sep-11

**Lab ID:** 11081123-004

**Client Sample ID:** PA4-00 (10)

**Matrix:** SOLID

**Collection Date:** 08/23/2011 9:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		18.4	%	1	08/26/2011 10:44	R153722
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	152	SR#	677	mg/Kg-dry	25	08/31/2011 12:27	70824
Kerosene	NELAP	152		ND	mg/Kg-dry	25	08/31/2011 12:27	70824
Mineral Spirits	NELAP	152		ND	mg/Kg-dry	25	08/31/2011 12:27	70824
Motor Oil	NELAP	152		ND	mg/Kg-dry	25	08/31/2011 12:27	70824
Surr: n-Tetracontane		50.6-140		107.6	%REC	25	08/31/2011 12:27	70824

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

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



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081123

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

**Report Date:** 01-Sep-11

**Lab ID:** 11081123-005

**Client Sample ID:** PA5-07 (3)

**Matrix:** SOLID

**Collection Date:** 08/23/2011 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		25.0	%	1	08/26/2011 10:44	R153722
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	33.3	#	146	mg/Kg-dry	5	08/31/2011 13:30	70824
Kerosene	NELAP	33.3		ND	mg/Kg-dry	5	08/31/2011 13:30	70824
Mineral Spirits	NELAP	33.3		ND	mg/Kg-dry	5	08/31/2011 13:30	70824
Motor Oil	NELAP	33.3	#	75.0	mg/Kg-dry	5	08/31/2011 13:30	70824
Surr: n-Tetracontane		50.6-140		116.6	%REC	5	08/31/2011 13:30	70824
<i>Elevated reporting limit(s) due to sample extract composition.</i>								





## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081123

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

**Report Date:** 01-Sep-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11081123-001	PA5-10 (3)	Solid	1	08/22/2011 10:00
11081123-002	PA5-09 (3)	Solid	1	08/22/2011 16:20
11081123-003	PA5-08 (3)	Solid	1	08/23/2011 9:00
11081123-004	PA4-00 (10)	Solid	1	08/23/2011 9:10
11081123-005	PA5-07 (3)	Solid	1	08/23/2011 9:20



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081123

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

**Report Date:** 01-Sep-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11081123-001A	PA5-10 (3)	08/22/2011 10:00	8/25/2011 3:30:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/26/2011 10:42
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		08/29/2011 16:01	08/31/2011 11:35
11081123-002A	PA5-09 (3)	08/22/2011 16:20	8/25/2011 3:30:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/26/2011 10:43
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		08/29/2011 16:01	08/31/2011 11:53
11081123-003A	PA5-08 (3)	08/23/2011 9:00	8/25/2011 3:30:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/26/2011 10:43
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		08/29/2011 16:01	08/31/2011 12:10
11081123-004A	PA4-00 (10)	08/23/2011 9:10	8/25/2011 3:30:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/26/2011 10:44
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		08/29/2011 16:01	08/31/2011 12:27
11081123-005A	PA5-07 (3)	08/23/2011 9:20	8/25/2011 3:30:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/26/2011 10:44
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		08/29/2011 16:01	08/31/2011 13:30

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11081123

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

**Report Date:** 01-Sep-11

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

Batch R153722		SampType: LCS		Units %						
SampID: LCS-PMOIST										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Percent Moisture	0.1		99.0	99.0	0	100	99.9	100.1	08/26/2011	

Batch R153722		SampType: LCS		Units %						
SampID: LCSQC-PMOIST										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Percent Moisture	0.1		99.0	99.0	0	100	99.9	100.1	08/26/2011	

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

Batch 70824		SampType: MBLK		Units mg/Kg						
SampID: MB-70824										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		ND						08/31/2011	
Kerosene	5.00		ND						08/31/2011	
Mineral Spirits	5.00		ND						08/31/2011	
Motor Oil	5.00		ND						08/31/2011	
Surr: n-Tetracontane			0.66	0.67		97.8	54.8	128	08/31/2011	

Batch 70824		SampType: LCS		Units mg/Kg						
SampID: LCS-70824										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		14.3	16.7	0	85.9	40.4	121	08/31/2011	
Surr: n-Tetracontane			0.79	0.67		117.4	54.8	128	08/31/2011	

Batch 70824		SampType: MS		Units mg/Kg-dry						
SampID: 11081123-004AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	153	S	1400	20.4	677.2	3547	20.3	167	08/31/2011	
Surr: n-Tetracontane			0.92	0.82		112.8	53.9	153	08/31/2011	

Batch 70824		SampType: MSD		Units mg/Kg-dry		RPD Limit 34				
SampID: 11081123-004AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Diesel	153	SR	496	20.4	677.2	-887.3	1400	95.42	08/31/2011	
Surr: n-Tetracontane			0.76	0.82		92.8			08/31/2011	



# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11081123

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

Report Date: 01-Sep-11

Carrier: Josh Cerar

Received By: MLD

Completed by:

Reviewed by:

On:

25-Aug-11

Timothy W. Mathis

On:

26-Aug-11

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 5.8
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<i>When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.</i>				
Water - vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input checked="" type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		

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



# Chain of Custody Record

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

11081123

COC Serial No. 11361 OF

Project Name: Champaign MGP Project Mgr.: P. Szegma  
 Project Number: 624-0908-0120 Cost Code: 30002  
 Sampler(s): Flora

Laboratory	Name: <u>Teklab, Inc</u> Location: <u>Collinsville, IL</u>	Sample ID (depth)	Date	Time	Matrix					Total Number of Containers	Analyses by Method Name and Number	Comments (Field PID)	Lab ID #'s
					Soil	Water	Air	Wipes	Other *				
		<u>PAS-10(3)</u>	<u>8/22/11</u>	<u>1000</u>	X					1	<u>TPH-042</u>		<u>11081123-001</u>
		<u>PAS-09(3)</u>	<u>↓</u>	<u>1620</u>	X					1			<u>002</u>
		<u>PAS-08(3)</u>	<u>8/23/11</u>	<u>0900</u>	X					1			<u>003</u>
		<u>PA4-00(10)</u>	<u>↓</u>	<u>0910</u>	X					1			<u>004</u>
		<u>PAS-07(3)</u>	<u>↓</u>	<u>0920</u>	X					1			<u>005</u>

**Teklab, Inc.**  
**CONVEY PICKUP**

Laboratory Temperature upon Receipt  
58 ICE

**Samples Iced:**  Yes  No

**Preservatives**

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

**Lab Directives:**

Requested TAT:  24-Hour  2-3 Days  STD  Other \_\_\_\_\_

E-mail and/or Mail Results to: P. Szegma / L. Hoessler

Send Invoice to: B. Martin

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

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

Reporting Limits: IL TACD (INC742) Tier 1

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

**Shipping:**

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

**Relinquished by:** Signature Josh Curran Date 8/24/11 Time 1700

**Received by:** Signature Anthony L. DeLuca Jr Date 8/25/11 Time 1530

Shaded Areas to be Completed by Lab