

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

April 10, 2008

Derek Ingram
Philip Environmental
210 West Sand Bank Road
Columbia, IL 62236-0230
TEL: (618) 281-7173
FAX: (618) 281-5120



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

WorkOrder: 08040186

Dear Derek Ingram:

TEKLAB, INC received 12 samples on 4/3/2008 5:30:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

Client: Philip Environmental

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

Lab Order: 08040186

Report Date: 10-Apr-08

SAMPLE SUMMARY

Lab Sample ID	Client Sample ID	Fractions	Collection Date
08040186-001	B-814 @ 0-2 ft	4	4/1/2008 9:05:00 AM
08040186-002	B-814 @ 7-8 ft	4	4/1/2008 9:40:00 AM
08040186-003	B-814 @ 17-18 ft	4	4/1/2008 10:30:00 AM
08040186-004	B-816 @ 1-2 ft	4	4/1/2008 11:20:00 AM
08040186-005	B-816 @ 9-10 ft	4	4/1/2008 12:16:00 PM
08040186-006	B-816 @ 19-21 ft	4	4/1/2008 1:30:00 PM
08040186-007	B-818 @ 2-3 ft	4	4/1/2008 1:45:00 PM
08040186-008	B-818 @ 7-9 ft	4	4/1/2008 2:05:00 PM
08040186-009	B-818 @ 13-15 ft	4	4/1/2008 2:38:00 PM
08040186-010	B-818 @ 24-26 ft	4	4/1/2008 3:18:00 PM
08040186-011	B-822 @ 6-8 ft	4	4/1/2008 4:11:00 PM
08040186-012	B-822 @ 1-3 ft	4	4/1/2008 3:35:00 PM

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Client: Philip Environmental

CASE NARRATIVE

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

LabOrder: 08040186

Report Date: 10-Apr-08

Cooler Receipt Temp: 2.6 °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

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: Philip Environmental

WorkOrder: 08040186

Lab ID: 08040186-001

Report Date: 10-Apr-08

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

Client Sample ID: B-814 @ 0-2 ft

Collection Date: 4/1/2008 9:05:00 AM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
FOC (0.58 conversion factor)		0.10		4.55	wt%	1	4/4/2008	TWM
Organic Matter		0.10		7.84	wt%	1	4/4/2008	TWM
Percent Moisture		0.1		46.4	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		53.6	%	1	4/4/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.40		5.29	mg/Kg-dry	1	4/7/2008 10:56:14 PM	LAL
Chromium	NELAP	0.96		23.4	mg/Kg-dry	1	4/7/2008 10:56:14 PM	LAL
Lead	NELAP	3.85		53.3	mg/Kg-dry	1	4/7/2008 10:56:14 PM	LAL
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.063		ND	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Acenaphthylene	NELAP	0.063		0.823	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Anthracene	NELAP	0.063		0.188	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Benzo(a)anthracene	NELAP	0.063		0.770	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Benzo(a)pyrene	NELAP	0.063		1.09	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.063		1.55	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.063		1.04	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.063		0.491	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Chrysene	NELAP	0.063		1.08	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.063		0.244	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Fluoranthene	NELAP	0.063		1.15	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Fluorene	NELAP	0.063		0.081	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.063		0.828	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Naphthalene	NELAP	0.063		0.077	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Phenanthrene	NELAP	0.063		0.549	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Pyrene	NELAP	0.063		1.57	mg/Kg-dry	10	4/8/2008 8:31:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		57.9	%REC	10	4/8/2008 8:31:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		61.9	%REC	10	4/8/2008 8:31:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		77.8	%REC	10	4/8/2008 8:31:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.9		ND	µg/Kg-dry	1	4/8/2008 7:44:00 PM	JSA
Ethylbenzene	NELAP	9.3		ND	µg/Kg-dry	1	4/8/2008 7:44:00 PM	JSA
Toluene	NELAP	9.3		ND	µg/Kg-dry	1	4/8/2008 7:44:00 PM	JSA
Xylenes, Total	NELAP	9.3		ND	µg/Kg-dry	1	4/8/2008 7:44:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		107.6	%REC	1	4/8/2008 7:44:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		95.6	%REC	1	4/8/2008 7:44:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		100	%REC	1	4/8/2008 7:44:00 PM	JSA
Surr: Toluene-d8		80.1-122		98.6	%REC	1	4/8/2008 7:44:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

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LABORATORY RESULTS

Client: Philip Environmental**WorkOrder:** 08040186**Lab ID:** 08040186-001**Report Date:** 10-Apr-08**Client Project:** A831-735002-012901-225/IP Champ**Client Sample ID:** B-814 @ 0-2 ft**Collection Date:** 4/1/2008 9:05:00 AM**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.46		6.58	mg/Kg-dry	1	4/7/2008	AET
<u>SW-846 9014A</u>								
Cyanide, Amenable to Chlorination		0.92		Interference	mg/Kg-dry	1	4/8/2008	AET

Sample Narrative

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

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

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LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040186
Lab ID: 08040186-002
Report Date: 10-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-814 @ 7-8 ft
Collection Date: 4/1/2008 9:40:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
FOC (0.58 conversion factor)		0.10		0.50	wt%	1	4/4/2008	TWM
Organic Matter		0.10		0.86	wt%	1	4/4/2008	TWM
Percent Moisture		0.1		18.5	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		81.5	%	1	4/4/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.45		10.1	mg/Kg-dry	1	4/7/2008 11:03:02 PM	LAL
Chromium	NELAP	0.98		14.2	mg/Kg-dry	1	4/7/2008 11:03:02 PM	LAL
Lead	NELAP	3.92		10.1	mg/Kg-dry	1	4/7/2008 11:03:02 PM	LAL
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:15:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		46.9	%REC	1	4/7/2008 3:15:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		61.3	%REC	1	4/7/2008 3:15:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		69.1	%REC	1	4/7/2008 3:15:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.2		1.2	µg/Kg-dry	1	4/8/2008 8:14:00 PM	JSA
Ethylbenzene	NELAP	6.1		ND	µg/Kg-dry	1	4/8/2008 8:14:00 PM	JSA
Toluene	NELAP	6.1	J	1.8	µg/Kg-dry	1	4/8/2008 8:14:00 PM	JSA
Xylenes, Total	NELAP	6.1	J	1.3	µg/Kg-dry	1	4/8/2008 8:14:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		101.0	%REC	1	4/8/2008 8:14:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		91.8	%REC	1	4/8/2008 8:14:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		99.1	%REC	1	4/8/2008 8:14:00 PM	JSA
Surr: Toluene-d8		80.1-122		96.3	%REC	1	4/8/2008 8:14:00 PM	JSA

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

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LABORATORY RESULTS

Client: Philip Environmental

WorkOrder: 08040186

Lab ID: 08040186-002

Report Date: 10-Apr-08

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

Client Sample ID: B-814 @ 7-8 ft

Collection Date: 4/1/2008 9:40:00 AM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.46		11.1	mg/Kg-dry	1	4/7/2008	AET
<u>SW-846 9014A</u>								
Cyanide, Amenable to Chlorination		0.61		< 0.61	mg/Kg-dry	1	4/8/2008	AET

[Sample Narrative](#)

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040186
Lab ID: 08040186-003
Report Date: 10-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-814 @ 17-18 ft
Collection Date: 4/1/2008 10:30:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		19.1	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		80.9	%	1	4/4/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004	J	0.004	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	4/7/2008 3:50:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		62.9	%REC	1	4/7/2008 3:50:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		59.1	%REC	1	4/7/2008 3:50:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		66.7	%REC	1	4/7/2008 3:50:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.2		2.0	µg/Kg-dry	1	4/8/2008 8:45:00 PM	JSA
Ethylbenzene	NELAP	6.2		ND	µg/Kg-dry	1	4/8/2008 8:45:00 PM	JSA
Toluene	NELAP	6.2	J	2.5	µg/Kg-dry	1	4/8/2008 8:45:00 PM	JSA
Xylenes, Total	NELAP	6.2	J	1.7	µg/Kg-dry	1	4/8/2008 8:45:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		97.1	%REC	1	4/8/2008 8:45:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		93.0	%REC	1	4/8/2008 8:45:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		94.5	%REC	1	4/8/2008 8:45:00 PM	JSA
Surr: Toluene-d8		80.1-122		96.4	%REC	1	4/8/2008 8:45:00 PM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
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LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040186
Lab ID: 08040186-004
Report Date: 10-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-816 @ 1-2 ft
Collection Date: 4/1/2008 11:20:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		22.6	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		77.4	%	1	4/4/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.009		ND	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Acenaphthylene	NELAP	0.009		0.086	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Anthracene	NELAP	0.009		0.031	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Benzo(a)anthracene	NELAP	0.009		0.086	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Benzo(a)pyrene	NELAP	0.009		0.108	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.009		0.157	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.009		0.124	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.009		0.051	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Chrysene	NELAP	0.009		0.121	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.009		0.028	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Fluoranthene	NELAP	0.009		0.139	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Fluorene	NELAP	0.009		0.009	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.009		0.098	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Naphthalene	NELAP	0.009		0.014	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Phenanthrene	NELAP	0.009		0.088	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Pyrene	NELAP	0.009		0.175	mg/Kg-dry	2	4/9/2008 4:44:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		53.1	%REC	2	4/9/2008 4:44:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		59.9	%REC	2	4/9/2008 4:44:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		68.7	%REC	2	4/9/2008 4:44:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.5		ND	µg/Kg-dry	1	4/9/2008 2:15:00 AM	JSA
Ethylbenzene	NELAP	7.3	J	2.7	µg/Kg-dry	1	4/9/2008 2:15:00 AM	JSA
Toluene	NELAP	7.3	J	3.4	µg/Kg-dry	1	4/9/2008 2:15:00 AM	JSA
Xylenes, Total	NELAP	7.3	J	2.2	µg/Kg-dry	1	4/9/2008 2:15:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		106.0	%REC	1	4/9/2008 2:15:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117	S	73.9	%REC	1	4/9/2008 2:15:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		101.8	%REC	1	4/9/2008 2:15:00 AM	JSA
Surr: Toluene-d8		80.1-122		90.8	%REC	1	4/9/2008 2:15:00 AM	JSA

Sample Narrative

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

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

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

Surrogate recovery was outside QC limits due to matrix interference.

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040186
Lab ID: 08040186-005
Report Date: 10-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-816 @ 9-10 ft
Collection Date: 4/1/2008 12:16:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		18.7	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		81.3	%	1	4/4/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.013	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.009	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	4/7/2008 4:25:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		52.7	%REC	1	4/7/2008 4:25:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		58.9	%REC	1	4/7/2008 4:25:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		68.1	%REC	1	4/7/2008 4:25:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.2		1.5	µg/Kg-dry	1	4/8/2008 3:13:00 PM	JSA
Ethylbenzene	NELAP	6.1		ND	µg/Kg-dry	1	4/8/2008 3:13:00 PM	JSA
Toluene	NELAP	6.1		ND	µg/Kg-dry	1	4/8/2008 3:13:00 PM	JSA
Xylenes, Total	NELAP	6.1		ND	µg/Kg-dry	1	4/8/2008 3:13:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		106.6	%REC	1	4/8/2008 3:13:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		96.3	%REC	1	4/8/2008 3:13:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		101.2	%REC	1	4/8/2008 3:13:00 PM	JSA
Surr: Toluene-d8		80.1-122		100.8	%REC	1	4/8/2008 3:13:00 PM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040186
Lab ID: 08040186-006
Report Date: 10-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-816 @ 19-21 ft
Collection Date: 4/1/2008 1:30:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		11.2	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		88.8	%	1	4/4/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 5:00:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		48.5	%REC	1	4/7/2008 5:00:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		55.3	%REC	1	4/7/2008 5:00:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		68.1	%REC	1	4/7/2008 5:00:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.8		0.9	µg/Kg-dry	1	4/9/2008 2:46:00 AM	JSA
Ethylbenzene	NELAP	4.2		ND	µg/Kg-dry	1	4/9/2008 2:46:00 AM	JSA
Toluene	NELAP	4.2	J	1.1	µg/Kg-dry	1	4/9/2008 2:46:00 AM	JSA
Xylenes, Total	NELAP	4.2		ND	µg/Kg-dry	1	4/9/2008 2:46:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		82.0	%REC	1	4/9/2008 2:46:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		104.0	%REC	1	4/9/2008 2:46:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		80.3	%REC	1	4/9/2008 2:46:00 AM	JSA
Surr: Toluene-d8		80.1-122		101.1	%REC	1	4/9/2008 2:46:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040186
Lab ID: 08040186-007
Report Date: 10-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-818 @ 2-3 ft
Collection Date: 4/1/2008 1:45:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		20.2	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		79.8	%	1	4/4/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.422		ND	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Acenaphthylene	NELAP	0.422		6.48	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Anthracene	NELAP	0.422		0.711	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Benzo(a)anthracene	NELAP	0.422		4.13	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Benzo(a)pyrene	NELAP	0.422		11.2	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.422		9.29	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.422		8.03	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.422		2.70	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Chrysene	NELAP	0.422		4.95	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.422		1.83	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Fluoranthene	NELAP	0.422		3.18	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Fluorene	NELAP	0.422	J	0.39	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.422		5.95	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Naphthalene	NELAP	0.422		0.815	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Phenanthrene	NELAP	0.422		0.881	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Pyrene	NELAP	0.422		6.85	mg/Kg-dry	100	4/8/2008 4:52:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		39.9	%REC	100	4/8/2008 4:52:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		39.9	%REC	100	4/8/2008 4:52:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		59.9	%REC	100	4/8/2008 4:52:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.3		18.3	µg/Kg-dry	1	4/8/2008 7:14:00 PM	JSA
Ethylbenzene	NELAP	6.3		ND	µg/Kg-dry	1	4/8/2008 7:14:00 PM	JSA
Toluene	NELAP	6.3	J	2.5	µg/Kg-dry	1	4/8/2008 7:14:00 PM	JSA
Xylenes, Total	NELAP	6.3		ND	µg/Kg-dry	1	4/8/2008 7:14:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		104.1	%REC	1	4/8/2008 7:14:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		98.5	%REC	1	4/8/2008 7:14:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		96.8	%REC	1	4/8/2008 7:14:00 PM	JSA
Surr: Toluene-d8		80.1-122		99.5	%REC	1	4/8/2008 7:14:00 PM	JSA

Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

WorkOrder: 08040186

Lab ID: 08040186-008

Report Date: 10-Apr-08

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

Client Sample ID: B-818 @ 7-9 ft

Collection Date: 4/1/2008 2:05:00 PM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		19.8	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		80.2	%	1	4/4/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.40		5.49	mg/Kg-dry	1	4/7/2008 11:23:17 PM	LAL
Chromium	NELAP	0.96		24.1	mg/Kg-dry	1	4/7/2008 11:23:17 PM	LAL
Lead	NELAP	3.85		20.2	mg/Kg-dry	1	4/7/2008 11:23:17 PM	LAL
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.021		0.943	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Acenaphthylene	NELAP	0.021		0.613	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Anthracene	NELAP	0.021		1.14	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Benzo(a)anthracene	NELAP	0.021		0.858	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Benzo(a)pyrene	NELAP	0.021		0.921	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.021		0.713	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.021		0.338	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.021		0.227	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Chrysene	NELAP	0.021		0.820	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.021		0.099	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Fluoranthene	NELAP	0.021		1.82	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Fluorene	NELAP	0.021		0.815	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.021		0.293	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Naphthalene	NELAP	0.021		0.082	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Phenanthrene	NELAP	0.021		3.77	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Pyrene	NELAP	0.021		2.64	mg/Kg-dry	5	4/8/2008 5:26:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		64.9	%REC	5	4/8/2008 5:26:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		52.9	%REC	5	4/8/2008 5:26:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		76.8	%REC	5	4/8/2008 5:26:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	40.1		ND	µg/Kg-dry	25	4/9/2008 10:22:00 AM	JSA
Ethylbenzene	NELAP	201		7540	µg/Kg-dry	25	4/9/2008 10:22:00 AM	JSA
Toluene	NELAP	201		ND	µg/Kg-dry	25	4/9/2008 10:22:00 AM	JSA
Xylenes, Total	NELAP	201		3950	µg/Kg-dry	25	4/9/2008 10:22:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		99.9	%REC	25	4/9/2008 10:22:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		104.8	%REC	25	4/9/2008 10:22:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		100.8	%REC	25	4/9/2008 10:22:00 AM	JSA
Surr: Toluene-d8		80.1-122		109.1	%REC	25	4/9/2008 10:22:00 AM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.48		2.12	mg/Kg-dry	1	4/7/2008	AET

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

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

WorkOrder: 08040186

Client Sample ID: B-818 @ 7-9 ft

Lab ID: 08040186-008

Collection Date: 4/1/2008 2:05:00 PM

Report Date: 10-Apr-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.62		Interference	mg/Kg-dry	1	4/8/2008	AET

Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040186
Lab ID: 08040186-009
Report Date: 10-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-818 @ 13-15 ft
Collection Date: 4/1/2008 2:38:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		14.5	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		85.5	%	1	4/4/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.50		9.97	mg/Kg-dry	1	4/7/2008 11:42:54 PM	LAL
Chromium	NELAP	1.00		17.3	mg/Kg-dry	1	4/7/2008 11:42:54 PM	LAL
Lead	NELAP	4.00		16.2	mg/Kg-dry	1	4/8/2008 2:27:20 PM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.040		1.75	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Acenaphthylene	NELAP	0.040		1.06	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Anthracene	NELAP	0.040		1.48	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Benzo(a)anthracene	NELAP	0.040		1.06	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Benzo(a)pyrene	NELAP	0.040		1.42	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.040		1.10	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.040		0.739	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.040		0.350	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Chrysene	NELAP	0.040		1.12	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.040		0.179	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Fluoranthene	NELAP	0.040		2.27	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Fluorene	NELAP	0.040		1.36	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.040		0.564	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Naphthalene	NELAP	0.040		8.10	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Phenanthrene	NELAP	0.040		5.23	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Pyrene	NELAP	0.040		3.34	mg/Kg-dry	10	4/8/2008 6:01:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		61.9	%REC	10	4/8/2008 6:01:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		47.9	%REC	10	4/8/2008 6:01:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		67.9	%REC	10	4/8/2008 6:01:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	14.6		43.6	µg/Kg-dry	12.5	4/8/2008 6:14:00 PM	JSA
Ethylbenzene	NELAP	73.1		205	µg/Kg-dry	12.5	4/8/2008 6:14:00 PM	JSA
Toluene	NELAP	73.1	J	42	µg/Kg-dry	12.5	4/8/2008 6:14:00 PM	JSA
Xylenes, Total	NELAP	73.1		972	µg/Kg-dry	12.5	4/8/2008 6:14:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128	S	140.6	%REC	12.5	4/8/2008 6:14:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		111.8	%REC	12.5	4/8/2008 6:14:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130	S	175.1	%REC	12.5	4/8/2008 6:14:00 PM	JSA
Surr: Toluene-d8		80.1-122		107.7	%REC	12.5	4/8/2008 6:14:00 PM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.48		2.02	mg/Kg-dry	1	4/7/2008	AET

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental**WorkOrder:** 08040186**Lab ID:** 08040186-009**Report Date:** 10-Apr-08**Client Project:** A831-735002-012901-225/IP Champ**Client Sample ID:** B-818 @ 13-15 ft**Collection Date:** 4/1/2008 2:38:00 PM**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.58		Interference	mg/Kg-dry	1	4/8/2008	AET

Sample Narrative

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

Surrogate recovery was outside QC limits due to matrix interference.

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: Philip Environmental
WorkOrder: 08040186
Lab ID: 08040186-010
Report Date: 10-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-818 @ 24-26 ft
Collection Date: 4/1/2008 3:18:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		11.2	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		88.8	%	1	4/4/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.038	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.025	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Anthracene	NELAP	0.004		0.037	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.030	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.031	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.024	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.017	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.008	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Chrysene	NELAP	0.004		0.030	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Fluoranthene	NELAP	0.004		0.063	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Fluorene	NELAP	0.004		0.033	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.012	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Naphthalene	NELAP	0.004		0.217	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Phenanthrene	NELAP	0.004		0.144	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Pyrene	NELAP	0.004		0.094	mg/Kg-dry	1	4/7/2008 5:35:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		19.2	%REC	1	4/7/2008 5:35:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		28.9	%REC	1	4/7/2008 5:35:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		67.3	%REC	1	4/7/2008 5:35:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	56.3		7050	µg/Kg-dry	50	4/8/2008 5:44:00 PM	JSA
Ethylbenzene	NELAP	282	J	58	µg/Kg-dry	50	4/8/2008 5:44:00 PM	JSA
Toluene	NELAP	282		584	µg/Kg-dry	50	4/8/2008 5:44:00 PM	JSA
Xylenes, Total	NELAP	282	J	140	µg/Kg-dry	50	4/8/2008 5:44:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		91.0	%REC	50	4/8/2008 5:44:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		102.1	%REC	50	4/8/2008 5:44:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		95.7	%REC	50	4/8/2008 5:44:00 PM	JSA
Surr: Toluene-d8		80.1-122		102.8	%REC	50	4/8/2008 5:44:00 PM	JSA

Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

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

WorkOrder: 08040186

Client Sample ID: B-822 @ 6-8 ft

Lab ID: 08040186-011

Collection Date: 4/1/2008 4:11:00 PM

Report Date: 10-Apr-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		21.4	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		78.6	%	1	4/4/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.40		9.97	mg/Kg-dry	1	4/7/2008 11:49:42 PM	LAL
Chromium	NELAP	0.96		26.4	mg/Kg-dry	1	4/7/2008 11:49:42 PM	LAL
Lead	NELAP	3.85		15.9	mg/Kg-dry	1	4/8/2008 2:29:37 PM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.037	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.012	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.014	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.015	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.016	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.006	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Chrysene	NELAP	0.004		0.008	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Fluoranthene	NELAP	0.004		0.010	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Fluorene	NELAP	0.004	J	0.004	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.013	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Naphthalene	NELAP	0.004		0.010	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Phenanthrene	NELAP	0.004		0.013	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Pyrene	NELAP	0.004		0.029	mg/Kg-dry	1	4/7/2008 6:09:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		36.9	%REC	1	4/7/2008 6:09:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		46.9	%REC	1	4/7/2008 6:09:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		69.7	%REC	1	4/7/2008 6:09:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	15.9		ND	µg/Kg-dry	12.5	4/8/2008 6:43:00 PM	JSA
Ethylbenzene	NELAP	79.5		ND	µg/Kg-dry	12.5	4/8/2008 6:43:00 PM	JSA
Toluene	NELAP	79.5		ND	µg/Kg-dry	12.5	4/8/2008 6:43:00 PM	JSA
Xylenes, Total	NELAP	79.5	J	25	µg/Kg-dry	12.5	4/8/2008 6:43:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128	S	142.0	%REC	12.5	4/8/2008 6:43:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		106.7	%REC	12.5	4/8/2008 6:43:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130	S	168.7	%REC	12.5	4/8/2008 6:43:00 PM	JSA
Surr: Toluene-d8		80.1-122	S	124.6	%REC	12.5	4/8/2008 6:43:00 PM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	6.12	S	33.1	mg/Kg-dry	10	4/8/2008	AET

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040186
Lab ID: 08040186-011
Report Date: 10-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-822 @ 6-8 ft
Collection Date: 4/1/2008 4:11:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		6.23		Interference	mg/Kg-dry	10	4/8/2008	AET

Sample Narrative

SW-846 9010B, 9014

Matrix spikes did not recover within control limits because of matrix interference.

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

Surrogate recovery was outside QC limits due to matrix interference.

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: Philip Environmental

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

WorkOrder: 08040186

Client Sample ID: B-822 @ 1-3 ft

Lab ID: 08040186-012

Collection Date: 4/1/2008 3:35:00 PM

Report Date: 10-Apr-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		20.5	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		79.5	%	1	4/4/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.36		3.45	mg/Kg-dry	1	4/7/2008 11:56:30 PM	LAL
Chromium	NELAP	0.94		24.9	mg/Kg-dry	1	4/7/2008 11:56:30 PM	LAL
Lead	NELAP	3.77		17.3	mg/Kg-dry	1	4/8/2008 2:31:53 PM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.188	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Anthracene	NELAP	0.004		0.011	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.016	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.026	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.052	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.051	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.015	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Chrysene	NELAP	0.004		0.016	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		0.014	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Fluoranthene	NELAP	0.004		0.017	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Fluorene	NELAP	0.004		0.007	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.043	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Naphthalene	NELAP	0.004		0.010	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Phenanthrene	NELAP	0.004		0.011	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Pyrene	NELAP	0.004		0.027	mg/Kg-dry	1	4/8/2008 9:07:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		69.5	%REC	1	4/8/2008 9:07:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		69.9	%REC	1	4/8/2008 9:07:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		71.3	%REC	1	4/8/2008 9:07:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.2		ND	µg/Kg-dry	1	4/9/2008 3:16:00 AM	JSA
Ethylbenzene	NELAP	5.8		ND	µg/Kg-dry	1	4/9/2008 3:16:00 AM	JSA
Toluene	NELAP	5.8		ND	µg/Kg-dry	1	4/9/2008 3:16:00 AM	JSA
Xylenes, Total	NELAP	5.8		ND	µg/Kg-dry	1	4/9/2008 3:16:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		102.8	%REC	1	4/9/2008 3:16:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		94.3	%REC	1	4/9/2008 3:16:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		98.9	%REC	1	4/9/2008 3:16:00 AM	JSA
Surr: Toluene-d8		80.1-122		97.9	%REC	1	4/9/2008 3:16:00 AM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	4.93		52.4	mg/Kg-dry	10	4/7/2008	AET

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

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

WorkOrder: 08040186

Client Sample ID: B-822 @ 1-3 ft

Lab ID: 08040186-012

Collection Date: 4/1/2008 3:35:00 PM

Report Date: 10-Apr-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 9014A</u>								
Cyanide, Amenable to Chlorination		6.24		< 6.24	mg/Kg-dry	10	4/8/2008	AET

[Sample Narrative](#)

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

Client: Philip Environmental

DATES REPORT

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

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040186-001A	B-814 @ 0-2 ft	4/1/2008	Solid	ASTM D2974		4/4/2008
				ASTM D2974		4/4/2008
				Standard Methods 18th Ed. 2540 G		4/4/2008
				SW-846 3050B, 6010B, Metals by ICP	4/7/2008	4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/4/2008	4/5/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
				SW-846 9010B, 9014	4/4/2008	4/7/2008
08040186-001D				SW-846 9014A	4/4/2008	4/8/2008
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
08040186-002A	B-814 @ 7-8 ft			ASTM D2974		4/4/2008
				ASTM D2974		4/4/2008
				Standard Methods 18th Ed. 2540 G		4/4/2008
				SW-846 3050B, 6010B, Metals by ICP	4/7/2008	4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/4/2008	4/4/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
				SW-846 9010B, 9014	4/4/2008	4/7/2008
				SW-846 9014A	4/4/2008	4/8/2008
08040186-002D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
08040186-003A	B-814 @ 17-18 ft			ASTM D2974		4/4/2008
				Standard Methods 18th Ed. 2540 G		4/4/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/4/2008	4/5/2008

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

Client: Philip Environmental

DATES REPORT

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

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040186-003A	B-814 @ 17-18 ft	4/1/2008	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
08040186-003D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
08040186-004A	B-816 @ 1-2 ft			ASTM D2974		4/4/2008
				Standard Methods 18th Ed. 2540 G		4/4/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/4/2008	4/5/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/9/2008
08040186-004D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/9/2008
08040186-005A	B-816 @ 9-10 ft			ASTM D2974		4/4/2008
				Standard Methods 18th Ed. 2540 G		4/4/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/4/2008	4/4/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
08040186-005D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
08040186-006A	B-816 @ 19-21 ft			ASTM D2974		4/4/2008
				Standard Methods 18th Ed. 2540 G		4/4/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/4/2008	4/4/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
08040186-006D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/9/2008
08040186-007A	B-818 @ 2-3 ft			ASTM D2974		4/4/2008
				Standard Methods 18th Ed. 2540 G		4/4/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/4/2008	4/5/2008

ENVIRONMENTAL TESTING LABORATORY

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

Client: Philip Environmental
Project: A831-735002-012901-225/IP Champaign
Lab Order: 08040186
Report Date: 10-Apr-08

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040186-007A	B-818 @ 2-3 ft	4/1/2008	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040186-007D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
08040186-008A	B-818 @ 7-9 ft			ASTM D2974		4/4/2008
				Standard Methods 18th Ed. 2540 G		4/4/2008
				SW-846 3050B, 6010B, Metals by ICP	4/7/2008	4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/4/2008	4/5/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
				SW-846 9010B, 9014	4/4/2008	4/7/2008
				SW-846 9014A	4/4/2008	4/8/2008
08040186-008D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/9/2008
08040186-009A	B-818 @ 13-15 ft			ASTM D2974		4/4/2008
				Standard Methods 18th Ed. 2540 G		4/4/2008
				SW-846 3050B, 6010B, Metals by ICP	4/7/2008	4/7/2008
				SW-846 3050B, 6010B, Metals by ICP	4/7/2008	4/8/2008
				SW-846 3050B, 6010B, Metals by ICP	4/7/2008	4/8/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/4/2008	4/5/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
				SW-846 9010B, 9014	4/4/2008	4/7/2008
				SW-846 9014A	4/4/2008	4/8/2008
08040186-009D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
08040186-010A	B-818 @ 24-26 ft			ASTM D2974		4/4/2008
				Standard Methods 18th Ed. 2540 G		4/4/2008

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

Client: Philip Environmental

DATES REPORT

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

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040186-010A	B-818 @ 24-26 ft	4/1/2008	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/4/2008	4/4/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
08040186-010D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
08040186-011A	B-822 @ 6-8 ft			ASTM D2974		4/4/2008
				Standard Methods 18th Ed. 2540 G		4/4/2008
				SW-846 3050B, 6010B, Metals by ICP	4/7/2008	4/7/2008
				SW-846 3050B, 6010B, Metals by ICP	4/7/2008	4/8/2008
				SW-846 3050B, 6010B, Metals by ICP	4/7/2008	4/8/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/4/2008	4/5/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
				SW-846 9010B, 9014	4/4/2008	4/7/2008
				SW-846 9010B, 9014		4/8/2008
				SW-846 9014A	4/4/2008	4/8/2008
08040186-011D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
08040186-012A	B-822 @ 1-3 ft			ASTM D2974		4/4/2008
				Standard Methods 18th Ed. 2540 G		4/4/2008
				SW-846 3050B, 6010B, Metals by ICP	4/7/2008	4/7/2008
				SW-846 3050B, 6010B, Metals by ICP	4/7/2008	4/8/2008
				SW-846 3050B, 6010B, Metals by ICP	4/7/2008	4/8/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/4/2008	4/6/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

Client: Philip Environmental

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

Lab Order: 08040186

Report Date: 10-Apr-08

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040186-012A	B-822 @ 1-3 ft	4/1/2008	Solid	SW-846 9010B, 9014		4/7/2008
				SW-846 9014A		4/8/2008
08040186-012D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/9/2008

ANALYTICAL QC SUMMARY REPORT

Key QC concepts:

- CCV** Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- DF** Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.
- DUP** Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- LCS** Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. (NELAC) The acceptable recovery range is listed in this report.
- MS** Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in this report.
- MSD** Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in this report.
- MDL** Method detection limit or limit of detection (LOD) means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.
- MB/LCB** Method blank or lab control blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in this report.
- RL** The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
- RPD** Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in this report.
- SPK** The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

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

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: I_ACN_S_MT

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: MB-43868	SampType: MBLK	Units: mg/Kg	Prep Date: 4/4/2008	RunNo: 106511							
Client ID: ZZZZZZ	Batch ID: 43868	SOP2092	Analysis Date: 4/8/2008	SeqNo: 1902016							
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: LCS-43868	SampType: LCS	Units: mg/Kg	Prep Date: 4/4/2008	RunNo: 106511							
Client ID: ZZZZZZ	Batch ID: 43868	SOP2092	Analysis Date: 4/8/2008	SeqNo: 1902017							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Amenable to Chlorination	9.86	0.50	10.00	0	98.6	85	115				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: I_OM_D_M

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: 08040186-001ADUP	SampType: DUP	Units: wt%	Prep Date:	RunNo: 106489							
Client ID: B-814 @ 0-2 ftDUP	Batch ID: R106489		Analysis Date: 4/4/2008	SeqNo: 1901305							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
FOC (0.58 conversion factor)	5.35	0.10						4.548	16.2	25	
Organic Matter	9.23	0.10						7.841	16.2	25	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: I_TCN_S_MT

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: MB-43867	SampType: MBLK	Units: mg/Kg	Prep Date: 4/4/2008	RunNo: 106471							
Client ID: ZZZZZZ	Batch ID: 43867	SW9010	Analysis Date: 4/7/2008	SeqNo: 1900925							
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: LCS-43867	SampType: LCS	Units: mg/Kg	Prep Date: 4/4/2008	RunNo: 106471							
Client ID: ZZZZZZ	Batch ID: 43867	SW9010	Analysis Date: 4/7/2008	SeqNo: 1900926							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.20	0.01	0.2000	0	98.9	85	115				
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Sample ID: LCSD-43867	SampType: LCSD	Units: mg/Kg	Prep Date: 4/4/2008	RunNo: 106471							
Client ID: ZZZZZZ	Batch ID: 43867	SW9010	Analysis Date: 4/7/2008	SeqNo: 1900927							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.19	0.01	0.2000	0	97.3	85	115	0.1979	1.72	15	
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Sample ID: 08040186-011AMS	SampType: MS	Units: mg/Kg-dry	Prep Date:	RunNo: 106589							
Client ID: B-822 @ 6-8 ftMS	Batch ID: R106589		Analysis Date: 4/8/2008	SeqNo: 1903736							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	35.4	6.33	6.332	33.07	37.0	80	120				S
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Sample ID: 08040186-011AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date:	RunNo: 106589							
Client ID: B-822 @ 6-8 ftMSD	Batch ID: R106589		Analysis Date: 4/8/2008	SeqNo: 1903739							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	32.5	5.91	5.908	33.07	-9.8	80	120	35.41	8.61	20	S
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Sample ID: MB-R106589	SampType: MBLK	Units: mg/Kg	Prep Date:	RunNo: 106589							
Client ID: ZZZZZZ	Batch ID: R106589		Analysis Date: 4/8/2008	SeqNo: 1904434							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: I_TCN_S_MT

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: MB-R106589	SampType: MBLK	Units: mg/Kg				Prep Date:	RunNo: 106589				
Client ID: ZZZZZZ	Batch ID: R106589					Analysis Date: 4/8/2008	SeqNo: 1904434				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide < 0.01 0.01

Sample ID: LCS-R106589	SampType: LCS	Units: mg/Kg				Prep Date:	RunNo: 106589				
Client ID: ZZZZZZ	Batch ID: R106589					Analysis Date: 4/8/2008	SeqNo: 1904435				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.20 0.01 0.2000 0 101.4 85 115

Sample ID: LCSD-R106589	SampType: LCSD	Units: mg/Kg				Prep Date:	RunNo: 106589				
Client ID: ZZZZZZ	Batch ID: R106589					Analysis Date: 4/8/2008	SeqNo: 1904436				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide 0.20 0.01 0.2000 0 98.5 85 115 0.2027 2.91 15

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: I_TS_M_MT

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: LCS-R106413	SampType: LCS	Units: %	Prep Date:	RunNo: 106413							
Client ID: ZZZZZZ	Batch ID: R106413		Analysis Date: 4/4/2008	SeqNo: 1899672							
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: LCSQC	SampType: LCSQC	Units: %	Prep Date:	RunNo: 106413							
Client ID: ZZZZZZ	Batch ID: R106413		Analysis Date: 4/4/2008	SeqNo: 1899673							
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: 08040186-001ADUP	SampType: DUP	Units: %	Prep Date:	RunNo: 106413							
Client ID: B-814 @ 0-2 ftDUP	Batch ID: R106413		Analysis Date: 4/4/2008	SeqNo: 1899719							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	47.2	0.1						53.62	12.7	15	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: M_SOLIDS_ICP

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: MB-43859	SampType: MBLK	Units: mg/Kg-dry				Prep Date: 4/7/2008	RunNo: 106443				
Client ID: ZZZZZZ	Batch ID: 43859	SOP 3032				Analysis Date: 4/7/2008	SeqNo: 1901041				
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				
Chromium	< 1.00	1.00	1.000	0	0	-100	100				
Lead	< 4.00	4.00	4.000	0	0	-100	100				

Sample ID: LCS-43859	SampType: LCS	Units: mg/Kg-dry				Prep Date: 4/7/2008	RunNo: 106443				
Client ID: ZZZZZZ	Batch ID: 43859	SOP 3032				Analysis Date: 4/7/2008	SeqNo: 1901042				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	210	2.50	200.0	0	105.1	85	115				
Chromium	21.2	1.00	20.00	0	105.8	85	115				
Lead	52.1	4.00	50.00	0	104.2	85	115				

Sample ID: 08040186-002AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 4/7/2008	RunNo: 106443				
Client ID: B-814 @ 7-8 ftMS	Batch ID: 43859	SOP 3032				Analysis Date: 4/7/2008	SeqNo: 1901385				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	196	2.45	196.1	10.14	94.7	75	125				
Chromium	36.5	0.98	19.61	14.23	113.5	75	125				
Lead	55.6	3.92	49.02	10.12	92.8	75	125				

Sample ID: 08040186-002AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 4/7/2008	RunNo: 106443				
Client ID: B-814 @ 7-8 ftMSD	Batch ID: 43859	SOP 3032				Analysis Date: 4/7/2008	SeqNo: 1901386				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	195	2.45	196.1	10.14	94.1	75	125	195.8	0.603	20	
Chromium	34.9	0.98	19.61	14.23	105.5	75	125	36.48	4.39	20	
Lead	54.6	3.92	49.02	10.12	90.8	75	125	55.61	1.76	20	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: M_SOLIDS_ICP

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: MB-43859	SampType: MBLK	Units: mg/Kg-dry	Prep Date: 4/7/2008	RunNo: 106505							
Client ID: ZZZZZZ	Batch ID: 43859	SOP 3032	Analysis Date: 4/8/2008	SeqNo: 1902519							
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: LCS-43859	SampType: LCS	Units: mg/Kg-dry	Prep Date: 4/7/2008	RunNo: 106505							
Client ID: ZZZZZZ	Batch ID: 43859	SOP 3032	Analysis Date: 4/8/2008	SeqNo: 1902520							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Lead	46.1	4.00	50.00	0	92.1	85	115				
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Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: MB-43852	SampType: MBLK	Units: mg/Kg	Prep Date: 4/4/2008	RunNo: 106416							
Client ID: ZZZZZZ	Batch ID: 43852	SW3550B	Analysis Date: 4/4/2008	SeqNo: 1899784							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.119		0.1670		71.5	17.5	123				
Surr: Nitrobenzene-d5	0.111		0.1670		66.7	35	105				
Surr: p-Terphenyl-d14	0.131		0.1670		78.2	53.6	122				

Sample ID: MB-43877	SampType: MBLK	Units: mg/Kg	Prep Date: 4/7/2008	RunNo: 106478							
Client ID: ZZZZZZ	Batch ID: 43877	SW3550B	Analysis Date: 4/7/2008	SeqNo: 1900968							
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: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: MB-43877		SampType: MBLK		Units: mg/Kg		Prep Date: 4/7/2008		RunNo: 106478			
Client ID: ZZZZZZ		Batch ID: 43877		SW3550B		Analysis Date: 4/7/2008		SeqNo: 1900968			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(k)fluoranthene	ND	0.003									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.119		0.1670		71.5	17.5	123				
Surr: Nitrobenzene-d5	0.109		0.1670		65.3	35	105				
Surr: p-Terphenyl-d14	0.127		0.1670		76.0	53.6	122				

Sample ID: LCS-43877		SampType: LCS		Units: mg/Kg		Prep Date: 4/7/2008		RunNo: 106478			
Client ID: ZZZZZZ		Batch ID: 43877		SW3550B		Analysis Date: 4/7/2008		SeqNo: 1900969			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.104	0.003	0.1670	0	62.5	56.3	115				
Acenaphthylene	0.122	0.003	0.1670	0	73.3	60.3	143				
Anthracene	0.103	0.003	0.1670	0	61.5	52.1	109				
Benzo(a)anthracene	0.101	0.003	0.1670	0	60.3	52.8	112				
Benzo(a)pyrene	0.107	0.003	0.1670	0	63.8	40.8	127				
Benzo(b)fluoranthene	0.125	0.003	0.1670	0	74.6	50.1	150				
Benzo(g,h,i)perylene	0.123	0.003	0.1670	0	73.6	52.8	145				
Benzo(k)fluoranthene	0.124	0.003	0.1670	0	74.5	52	153				
Chrysene	0.112	0.003	0.1670	0	66.9	60.8	128				
Dibenzo(a,h)anthracene	0.120	0.003	0.1670	0	71.8	54.9	150				
Fluoranthene	0.109	0.003	0.1670	0	65.3	58.7	125				
Fluorene	0.108	0.003	0.1670	0	64.9	57.8	125				
Indeno(1,2,3-cd)pyrene	0.119	0.003	0.1670	0	71.4	52	147				
Naphthalene	0.092	0.003	0.1670	0	55.1	54.8	113				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: LCS-43877	SampType: LCS	Units: mg/Kg	Prep Date: 4/7/2008	RunNo: 106478							
Client ID: ZZZZZZ	Batch ID: 43877	SW3550B	Analysis Date: 4/7/2008	SeqNo: 1900969							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	0.110	0.003	0.1670	0	65.6	60.4	121				
Pyrene	0.111	0.003	0.1670	0	66.4	57.9	129				
Surr: 2-Fluorobiphenyl	0.115		0.1670		68.7	35.3	113				
Surr: Nitrobenzene-d5	0.099		0.1670		59.5	33.9	108				
Surr: p-Terphenyl-d14	0.118		0.1670		70.5	58.4	122				

Sample ID: MB-43881	SampType: MBLK	Units: mg/Kg	Prep Date: 4/7/2008	RunNo: 106478							
Client ID: ZZZZZZ	Batch ID: 43881	SW3550B	Analysis Date: 4/7/2008	SeqNo: 1901585							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.003									
Acenaphthylene	ND	0.003									
Anthracene	ND	0.003									
Benzo(a)anthracene	ND	0.003									
Benzo(a)pyrene	ND	0.003									
Benzo(b)fluoranthene	ND	0.003									
Benzo(g,h,i)perylene	ND	0.003									
Benzo(k)fluoranthene	ND	0.003									
Chrysene	ND	0.003									
Dibenzo(a,h)anthracene	ND	0.003									
Fluoranthene	ND	0.003									
Fluorene	ND	0.003									
Indeno(1,2,3-cd)pyrene	ND	0.003									
Naphthalene	ND	0.003									
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.123		0.1670		73.9	17.5	123				
Surr: Nitrobenzene-d5	0.114		0.1670		68.1	35	105				
Surr: p-Terphenyl-d14	0.124		0.1670		74.5	53.6	122				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: LCS-43881		SampType: LCS		Units: mg/Kg		Prep Date: 4/7/2008			RunNo: 106478		
Client ID: ZZZZZZ		Batch ID: 43881		SW3550B		Analysis Date: 4/7/2008			SeqNo: 1901586		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.110	0.003	0.1670	0	66.1	56.3	115				
Acenaphthylene	0.134	0.003	0.1670	0	80.5	60.3	143				
Anthracene	0.106	0.003	0.1670	0	63.2	52.1	109				
Benzo(a)anthracene	0.109	0.003	0.1670	0	65.0	52.8	112				
Benzo(a)pyrene	0.111	0.003	0.1670	0	66.6	40.8	127				
Benzo(b)fluoranthene	0.126	0.003	0.1670	0	75.3	50.1	150				
Benzo(g,h,i)perylene	0.123	0.003	0.1670	0	73.6	52.8	145				
Benzo(k)fluoranthene	0.128	0.003	0.1670	0	76.9	52	153				
Chrysene	0.120	0.003	0.1670	0	71.6	60.8	128				
Dibenzo(a,h)anthracene	0.122	0.003	0.1670	0	73.1	54.9	150				
Fluoranthene	0.114	0.003	0.1670	0	68.4	58.7	125				
Fluorene	0.116	0.003	0.1670	0	69.6	57.8	125				
Indeno(1,2,3-cd)pyrene	0.120	0.003	0.1670	0	71.9	52	147				
Naphthalene	0.091	0.003	0.1670	0	54.7	54.8	113				S
Phenanthrene	0.115	0.003	0.1670	0	68.8	60.4	121				
Pyrene	0.117	0.003	0.1670	0	70.2	57.9	129				
Surr: 2-Fluorobiphenyl	0.115		0.1670		69.1	35.3	113				
Surr: Nitrobenzene-d5	0.106		0.1670		63.7	33.9	108				
Surr: p-Terphenyl-d14	0.118		0.1670		70.7	58.4	122				

Sample ID: 08040186-012AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 4/7/2008			RunNo: 106554		
Client ID: B-822 @ 1-3 ftMS		Batch ID: 43881		SW3550B		Analysis Date: 4/8/2008			SeqNo: 1902986		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.144	0.004	0.2080	0	69.1	36	135				
Acenaphthylene	0.362	0.004	0.2080	0.1880	83.5	17.2	167				
Anthracene	0.156	0.004	0.2080	0.01065	70.1	39.3	124				
Benzo(a)anthracene	0.164	0.004	0.2080	0.01552	71.6	10	183				
Benzo(a)pyrene	0.184	0.004	0.2080	0.02646	75.8	10	204				
Benzo(b)fluoranthene	0.224	0.004	0.2080	0.05175	82.7	10.6	178				
Benzo(g,h,i)perylene	0.193	0.004	0.2080	0.05100	68.2	10	168				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: 08040186-012AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 4/7/2008		RunNo: 106554			
Client ID: B-822 @ 1-3 ftMS		Batch ID: 43881		SW3550B		Analysis Date: 4/8/2008		SeqNo: 1902986			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(k)fluoranthene	0.185	0.004	0.2080	0.01518	81.6	27.6	181				
Chrysene	0.188	0.004	0.2080	0.01639	82.7	10	176				
Dibenzo(a,h)anthracene	0.163	0.004	0.2080	0.01414	71.7	12.2	156				
Fluoranthene	0.183	0.004	0.2080	0.01730	79.6	10	227				
Fluorene	0.151	0.004	0.2080	0.007488	69.1	35.2	148				
Indeno(1,2,3-cd)pyrene	0.198	0.004	0.2080	0.04276	74.5	10	164				
Naphthalene	0.132	0.004	0.2080	0.009609	58.7	14.7	128				
Phenanthrene	0.159	0.004	0.2080	0.01131	71.2	32.8	143				
Pyrene	0.195	0.004	0.2080	0.02658	81.2	10	180				
Surr: 2-Fluorobiphenyl	0.163		0.2080		78.2	10	131				
Surr: Nitrobenzene-d5	0.153		0.2080		73.5	10	132				
Surr: p-Terphenyl-d14	0.176		0.2080		84.6	30.6	131				

Sample ID: 08040186-012AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 4/7/2008		RunNo: 106554			
Client ID: B-822 @ 1-3 ftMSD		Batch ID: 43881		SW3550B		Analysis Date: 4/8/2008		SeqNo: 1902987			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.143	0.004	0.2099	0	67.9	36	135	0.1437	0.766	49.7	
Acenaphthylene	0.297	0.004	0.2099	0.1880	51.9	17.2	167	0.3617	19.7	33.3	
Anthracene	0.145	0.004	0.2099	0.01065	63.9	39.3	124	0.1565	7.83	51.1	
Benzo(a)anthracene	0.150	0.004	0.2099	0.01552	63.9	10	183	0.1644	9.36	40.6	
Benzo(a)pyrene	0.164	0.004	0.2099	0.02646	65.7	10	204	0.1842	11.4	56.4	
Benzo(b)fluoranthene	0.192	0.004	0.2099	0.05175	67.0	10.6	178	0.2237	15.1	49.7	
Benzo(g,h,i)perylene	0.166	0.004	0.2099	0.05100	55.0	10	168	0.1929	14.8	36.5	
Benzo(k)fluoranthene	0.174	0.004	0.2099	0.01518	75.8	27.6	181	0.1850	6.03	42.6	
Chrysene	0.170	0.004	0.2099	0.01639	73.1	10	176	0.1883	10.4	45.1	
Dibenzo(a,h)anthracene	0.156	0.004	0.2099	0.01414	67.4	12.2	156	0.1632	4.84	39.9	
Fluoranthene	0.162	0.004	0.2099	0.01730	68.9	10	227	0.1829	12.2	66.2	
Fluorene	0.148	0.004	0.2099	0.007488	66.9	35.2	148	0.1512	2.20	65.6	
Indeno(1,2,3-cd)pyrene	0.174	0.004	0.2099	0.04276	62.4	10	164	0.1977	13.0	36.5	
Naphthalene	0.119	0.004	0.2099	0.009609	52.2	14.7	128	0.1318	9.97	39.6	

Client: Philip Environmental

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

Lab Order: 08040186

Report Date: 10-Apr-08

ANALYTICAL QC SUMMARY REPORT

TestCode: SV_8270S_S_SIMS

Sample ID: 08040186-012AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 4/7/2008	RunNo: 106554							
Client ID: B-822 @ 1-3 ftMSD	Batch ID: 43881	SW3550B	Analysis Date: 4/8/2008	SeqNo: 1902987							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	0.158	0.004	0.2099	0.01131	69.8	32.8	143	0.1594	1.08	35.4	
Pyrene	0.168	0.004	0.2099	0.02658	67.2	10	180	0.1955	15.3	60.1	
Surr: 2-Fluorobiphenyl	0.153		0.2099		73.1	10	131		0	40	
Surr: Nitrobenzene-d5	0.150		0.2099		71.7	10	132		0	40	
Surr: p-Terphenyl-d14	0.164		0.2099		78.2	30.6	131		0	40	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: V_BTEX_S

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: LCS-G080408-1	SampType: LCS	Units: µg/Kg	Prep Date: 4/8/2008	RunNo: 106524							
Client ID: ZZZZZZ	Batch ID: 43917	SW5035	Analysis Date: 4/8/2008	SeqNo: 1902238							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	50.2	1.0	50.00	0	100.3	75	123				
Toluene	50.4	5.0	50.00	0	100.7	77.3	117				
Ethylbenzene	51.8	5.0	50.00	0	103.6	80.8	118				
Xylenes, Total	104	5.0	100.0	0	104.4	78.5	121				
Surr: 1,2-Dichloroethane-d4	50.1		50.00		100.1	61	128				
Surr: 4-Bromofluorobenzene	48.7		50.00		97.4	78.2	117				
Surr: Dibromofluoromethane	51.7		50.00		103.4	66.6	130				
Surr: Toluene-d8	49.7		50.00		99.4	80.1	122				

Sample ID: LCSD-G080408-1	SampType: LCSD	Units: µg/Kg	Prep Date: 4/8/2008	RunNo: 106524							
Client ID: ZZZZZZ	Batch ID: 43917	SW5035	Analysis Date: 4/8/2008	SeqNo: 1902239							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	50.2	1.0	50.00	0	100.3	75	123	50.15	0	20	
Toluene	50.2	5.0	50.00	0	100.3	77.3	117	50.35	0.358	20	
Ethylbenzene	52.0	5.0	50.00	0	104.1	80.8	118	51.78	0.482	20	
Xylenes, Total	103	5.0	100.0	0	103.4	78.5	121	104.4	0.963	20	
Surr: 1,2-Dichloroethane-d4	51.1		50.00		102.2	61	128		0	0	
Surr: 4-Bromofluorobenzene	49.1		50.00		98.2	78.2	117		0	0	
Surr: Dibromofluoromethane	50.9		50.00		101.9	66.6	130		0	0	
Surr: Toluene-d8	49.8		50.00		99.6	80.1	122		0	0	

Sample ID: MBLK-G080408-1	SampType: MBLK	Units: µg/Kg	Prep Date: 4/8/2008	RunNo: 106524							
Client ID: ZZZZZZ	Batch ID: 43917	SW5035	Analysis Date: 4/8/2008	SeqNo: 1902241							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	1.0									
Toluene	ND	5.0									
Ethylbenzene	ND	5.0									
Xylenes, Total	ND	5.0									

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: V_BTEX_S

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: MBLK-G080408-1	SampType: MBLK	Units: µg/Kg	Prep Date: 4/8/2008	RunNo: 106524							
Client ID: ZZZZZZ	Batch ID: 43917	SW5035	Analysis Date: 4/8/2008	SeqNo: 1902241							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichloroethane-d4	48.5		50.00		97.1	61	128				
Surr: 4-Bromofluorobenzene	47.9		50.00		95.8	78.2	117				
Surr: Dibromofluoromethane	50.4		50.00		100.9	66.6	130				
Surr: Toluene-d8	49.2		50.00		98.3	80.1	122				

Sample ID: LCS-G080408-2	SampType: LCS	Units: µg/Kg	Prep Date: 4/8/2008	RunNo: 106557							
Client ID: ZZZZZZ	Batch ID: 43936	SW5035	Analysis Date: 4/9/2008	SeqNo: 1903051							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	47.2	1.0	50.00	0	94.5	75	123				
Toluene	46.8	5.0	50.00	0	93.5	77.3	117				
Ethylbenzene	48.2	5.0	50.00	0	96.4	80.8	118				
Xylenes, Total	95.6	5.0	100.0	0	95.6	78.5	121				
Surr: 1,2-Dichloroethane-d4	48.7		50.00		97.3	61	128				
Surr: 4-Bromofluorobenzene	49.7		50.00		99.4	78.2	117				
Surr: Dibromofluoromethane	49.5		50.00		98.9	66.6	130				
Surr: Toluene-d8	48.8		50.00		97.7	80.1	122				

Sample ID: LCSD-G080408-2	SampType: LCSD	Units: µg/Kg	Prep Date: 4/8/2008	RunNo: 106557							
Client ID: ZZZZZZ	Batch ID: 43936	SW5035	Analysis Date: 4/9/2008	SeqNo: 1903052							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	49.2	1.0	50.00	0	98.4	75	123	47.24	4.02	20	
Toluene	48.0	5.0	50.00	0	95.9	77.3	117	46.77	2.53	20	
Ethylbenzene	49.2	5.0	50.00	0	98.5	80.8	118	48.22	2.09	20	
Xylenes, Total	98.5	5.0	100.0	0	98.5	78.5	121	95.64	2.96	20	
Surr: 1,2-Dichloroethane-d4	47.8		50.00		95.6	61	128		0	0	
Surr: 4-Bromofluorobenzene	49.5		50.00		99.1	78.2	117		0	0	
Surr: Dibromofluoromethane	49.8		50.00		99.5	66.6	130		0	0	
Surr: Toluene-d8	48.7		50.00		97.4	80.1	122		0	0	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: V_BTEX_S

Lab Order: 08040186

Report Date: 10-Apr-08

Sample ID: MBLK-G080408-2	SampType: MBLK	Units: µg/Kg	Prep Date: 4/8/2008	RunNo: 106557							
Client ID: ZZZZZZ	Batch ID: 43936	SW5035	Analysis Date: 4/9/2008	SeqNo: 1903054							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	1.0									
Toluene	ND	5.0									
Ethylbenzene	ND	5.0									
Xylenes, Total	ND	5.0									
Surr: 1,2-Dichloroethane-d4	47.0		50.00		93.9	61	128				
Surr: 4-Bromofluorobenzene	48.8		50.00		97.6	78.2	117				
Surr: Dibromofluoromethane	49.2		50.00		98.5	66.6	130				
Surr: Toluene-d8	49.5		50.00		99.0	80.1	122				

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

Client: Philip Environmental

RECEIVING CHECK LIST

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

Lab Order: 08040186

Report Date: 10-Apr-08

Carrier: Derek Ingram

Received By: AMH

Completed by:

On:

03-Apr-08

A. Harris
Amanda M. Harris

Reviewed by:

On:

04-Apr-08

Marvin L. Darling II
Marvin L. Darling

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C	2.6
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>		
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>		
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice	<input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>		
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

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

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

Per Derek Ingram, combine any samples that have depths within three ft. Round sample ID's to nearest whole foot. AMH 4/3/08



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

08040186

COC Serial No. **B** 08660

Project Name: <u>Amaren IP Champaign, Project Mgr.: Derek Ingram</u>		Project Mgr.: <u>Derek Ingram</u>		Method Name and Number		Total Number of Containers		Laboratory Temperature upon Receipt	
Project Number: <u>02403053</u>		Cost Code: <u>024501</u>		Analyses by Method Name and Number		Comments (Field PID)		Lab ID #'s	
Sampler(s): <u>L. Hoosier</u>		Matrix		Matrix		Comments (Field PID)		Lab ID #'s	
Laboratory Name: <u>TekLab</u>		Location: <u>Collinsville IL</u>		Matrix		Comments (Field PID)		Lab ID #'s	
Sample Number and (depth)		Date		Time		Comments (Field PID)		Lab ID #'s	
B-814 (0.5'-1')	4-1	9:05	X	X	X	X	*Metals - arsenic, chromium, lead	001	
B-814 (1'-2')	4-1	9:05	X	X	X	X	chromium, lead	002	
B-814 (7'-7.5')	4-1	9:40	X	X	X	X	Cyanide - total + amenable	003	
B-814 (7'-8')	4-1	9:40	X	X	X	X		004	
B-814 (17'-17.5')	4-1	10:30	X	X	X	X		004	
B-814 (17'-17.5')	4-1	10:30	X	X	X	X		004	
B-816 (1'-1.5')	4-1	11:20	X	X	X	X		004	
B-816 (1'-2')	4-1	11:20	X	X	X	X	Rec. D. Ingram. Combine any deposits within the same Jct. 4/30/8AMH	005	
B-816 (1'-1.5')	4-1	11:20	X	X	X	X		005	
B-816 (9'-9.5')	4-1	12:16	X	X	X	X		005	
B-816 (9'-10')	4-1	12:16	X	X	X	X		005	

Laboratory Temperature upon Receipt
2.4

Analyses by Method Name and Number

PT 9045C
 File 0294-87
 9010
 9014
 Metals
 *
 Metals
 8270SIMS
 8205
 8205B

Comments (Field PID)

*Metals - arsenic, chromium, lead

Cyanide - total + amenable

Rec. D. Ingram. Combine any deposits within the same Jct. 4/30/8AMH

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 (HNO₃)

Cyanide Sodium hydroxide (NaOH)

Other (Specify)

Lab Directives:

Requested TAT: Rush 5 Days STD Other

Fax and/or Mail Results to: Derek Ingram

Send Invoice to: _____

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

Special Guidelines: _____

Reporting Limits: _____

* Special: _____

Relinquished by:

Signature: [Signature] Date: 4/3 Time: 1400

Signature: [Signature] Date: 4/3/08 Time: 1730

Relinquished by:

Signature: [Signature] Date: 4-3-08 Time: 1400

Signature: [Signature] Date: 4/3 Time: 1730

Shipping:

Carrier / Airbill No. _____



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** 08861

Project Name: Ameren PChampaign Project Mgr.: Derek Lygala
 Project Number: 6240353 Cost Code: 024501

Analyses by Method Name and Number

5035	BTEX	X
8205	PAH	X
8205	Metals*	X
9010	Cyanide	X
9014	for D294	X
9015	PT 9045C	X

Laboratory Temperature upon Receipt
2.6

Sampler(s)	Name	Location	Sample Number and (depth)	Date	Time	Matrix					Total Number of Containers	Comments (Field PID)	Lab ID #'s
						Soil	Water	Air	Wipes	Other *			
B-816	L. Hoosier	Collinsville IL	(19'-21')	4-1	1330	X					5	*Metals:	006
B-818			(21'-3')	4-1	1345	X					5	arsenic, chromium, 007	
B-818			(7.6'-8')	4-1	1405	X					4	lead	008
B-818			(8'-9')	4-1	1405	X					2		
B-818			(14'-14.5')	4-1	1438	X					4		
B-818			(13'-15')	4-1	1438	X					2	Cyanide - 009	
B-818			(24.5'-25')	4-1	1518	X					4	+ arsenable	010
B-818			(25'-26')	4-1	1518	X					1		
B-822			(1.5'-3')	4-1	1535	X					2		
B-822			(2'-2.5')	4-1	1535	X					4		
B-822			(6'-7')	4-1	1611	X					1		
B-822			(7'-8')	4-1	1611	X					1		

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 (HNO₃)
- Metals
- Nitric acid
- Cyanide
- Sodium hydroxide (NaOH)
- Other (Specify) _____

Lab Directives:

Requested TAT: Rush 5 Days STD Other _____

Fax and/or Mail Results to: Derek Lygala

Send Invoice to: _____

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

Special Guidelines: _____

Reporting Limits: _____

* Special: _____

Relinquished by:

Signature: [Signature] Date: 4/3 Time: 1400

Signature: [Signature] Date: 4/3/08 Time: 1730

Relinquished by:

Signature: [Signature] Date: 4-3-08 Time: 1400

Signature: [Signature] Date: 4/3 Time: 1730

Shipping:

Carrier / Airbill No. _____