

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

April 09, 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: 08040185

Dear Derek Ingram:

TEKLAB, INC received 9 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: 08040185

Report Date: 09-Apr-08

SAMPLE SUMMARY

Lab Sample ID	Client Sample ID	Fractions	Collection Date
08040185-001	B-829 @ 2-3 ft	4	4/2/2008 1:38:00 PM
08040185-002	B-829 @ 6-7 ft	4	4/2/2008 2:04:00 PM
08040185-003	B-829 @ 21-22 ft	4	4/2/2008 3:24:00 PM
08040185-004	B-833 @ 2-3 ft	4	4/2/2008 4:20:00 PM
08040185-005	B-833 @ 9-10 ft	4	4/2/2008 4:45:00 PM
08040185-006	B-833 @ 10-12 ft	4	4/2/2008 5:20:00 PM
08040185-007	B-833 @ 25-26 ft	4	4/2/2008 6:10:00 PM
08040185-008	B-833 @ 31-32 ft	4	4/2/2008 6:30:00 PM
08040185-009	B-833 @ 10-12ft DUP	4	4/2/2008 5:20:00 PM

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Report Date: 09-Apr-08

CASE NARRATIVE

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

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: 08040185
Lab ID: 08040185-001
Report Date: 09-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-829 @ 2-3 ft
Collection Date: 4/2/2008 1:38:00 PM
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	0.043		0.189	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Acenaphthylene	NELAP	0.043		0.318	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Anthracene	NELAP	0.043		0.331	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Benzo(a)anthracene	NELAP	0.043		2.16	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Benzo(a)pyrene	NELAP	0.043		2.25	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.043		2.80	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.043		1.29	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.043		1.11	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Chrysene	NELAP	0.043		2.12	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.043		0.422	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Fluoranthene	NELAP	0.043		2.92	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Fluorene	NELAP	0.043		0.172	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.043		1.28	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Naphthalene	NELAP	0.043		0.074	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Phenanthrene	NELAP	0.043		1.16	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Pyrene	NELAP	0.043		2.69	mg/Kg-dry	10	4/8/2008 3:45:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		53.9	%REC	10	4/8/2008 3:45:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		53.9	%REC	10	4/8/2008 3:45:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		71.9	%REC	10	4/8/2008 3:45:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.3		53.3	µg/Kg-dry	1	4/8/2008 1:42:00 PM	JSA
Ethylbenzene	NELAP	6.5	J	1.3	µg/Kg-dry	1	4/8/2008 1:42:00 PM	JSA
Toluene	NELAP	6.5	J	2.8	µg/Kg-dry	1	4/8/2008 1:42:00 PM	JSA
Xylenes, Total	NELAP	6.5	J	6.0	µg/Kg-dry	1	4/8/2008 1:42:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		102.9	%REC	1	4/8/2008 1:42:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		84.6	%REC	1	4/8/2008 1:42:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		97.8	%REC	1	4/8/2008 1:42:00 PM	JSA
Surr: Toluene-d8		80.1-122		98.3	%REC	1	4/8/2008 1:42:00 PM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
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LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040185
Lab ID: 08040185-002
Report Date: 09-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-829 @ 6-7 ft
Collection Date: 4/2/2008 2:04:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		19.0	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		81.0	%	1	4/4/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.36		8.84	mg/Kg-dry	1	4/7/2008 10:29:03 PM	LAL
Chromium	NELAP	0.94		22.9	mg/Kg-dry	1	4/7/2008 10:29:03 PM	LAL
Lead	NELAP	3.77		14.9	mg/Kg-dry	1	4/7/2008 10:29:03 PM	LAL
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.008	S	2.00	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Acenaphthylene	NELAP	0.008		0.240	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Anthracene	NELAP	0.008	S	0.975	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Benzo(a)anthracene	NELAP	0.008	S	0.673	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Benzo(a)pyrene	NELAP	0.008		0.545	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.008		0.513	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.008		0.227	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.008		0.179	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Chrysene	NELAP	0.008	S	0.625	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.008		0.071	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Fluoranthene	NELAP	0.008	S	1.68	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Fluorene	NELAP	0.008	S	1.38	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.008		0.194	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Naphthalene	NELAP	0.008		0.063	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Phenanthrene	NELAP	0.008	S	4.10	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Pyrene	NELAP	0.008	S	2.03	mg/Kg-dry	2	4/8/2008 6:44:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		75.4	%REC	2	4/8/2008 6:44:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		72.7	%REC	2	4/8/2008 6:44:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		75.0	%REC	2	4/8/2008 6:44:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	26.5		253	µg/Kg-dry	12.5	4/9/2008 9:52:00 AM	JSA
Ethylbenzene	NELAP	132	J	66	µg/Kg-dry	12.5	4/9/2008 9:52:00 AM	JSA
Toluene	NELAP	132		ND	µg/Kg-dry	12.5	4/9/2008 9:52:00 AM	JSA
Xylenes, Total	NELAP	132	J	61	µg/Kg-dry	12.5	4/9/2008 9:52:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128	S	130.5	%REC	12.5	4/9/2008 9:52:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		106.7	%REC	12.5	4/9/2008 9:52:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130	S	154.7	%REC	12.5	4/9/2008 9:52:00 AM	JSA
Surr: Toluene-d8		80.1-122		121.9	%REC	12.5	4/9/2008 9:52:00 AM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.48		1.02	mg/Kg-dry	1	4/7/2008	AET

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LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040185
Lab ID: 08040185-002
Report Date: 09-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-829 @ 6-7 ft
Collection Date: 4/2/2008 2:04:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.60		Interference	mg/Kg-dry	1	4/8/2008	AET

Sample Narrative

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

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

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

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
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LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040185
Lab ID: 08040185-003
Report Date: 09-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-829 @ 21-22 ft
Collection Date: 4/2/2008 3:24:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		10.1	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		89.9	%	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 12:22:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:22:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		60.5	%REC	1	4/7/2008 12:22:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		63.5	%REC	1	4/7/2008 12:22:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		71.5	%REC	1	4/7/2008 12:22:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	87.3		14000	µg/Kg-dry	50	4/9/2008 9:22:00 AM	JSA
Ethylbenzene	NELAP	5.6		ND	µg/Kg-dry	1	4/8/2008 2:13:00 PM	JSA
Toluene	NELAP	5.6	J	2.3	µg/Kg-dry	1	4/8/2008 2:13:00 PM	JSA
Xylenes, Total	NELAP	5.6	J	2.1	µg/Kg-dry	1	4/8/2008 2:13:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128	S	60.0	%REC	1	4/8/2008 2:13:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		81.7	%REC	1	4/8/2008 2:13:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		99.7	%REC	1	4/8/2008 2:13:00 PM	JSA
Surr: Toluene-d8		80.1-122		91.0	%REC	1	4/8/2008 2:13:00 PM	JSA

Sample Narrative

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
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LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040185
Lab ID: 08040185-004
Report Date: 09-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-833 @ 2-3 ft
Collection Date: 4/2/2008 4:20:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		16.6	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		83.4	%	1	4/4/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.402		ND	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Acenaphthylene	NELAP	0.402		4.15	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Anthracene	NELAP	0.402		1.59	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Benzo(a)anthracene	NELAP	0.402		5.10	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Benzo(a)pyrene	NELAP	0.402		8.10	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.402		9.26	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.402		7.21	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.402		2.63	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Chrysene	NELAP	0.402		6.02	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.402		1.39	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Fluoranthene	NELAP	0.402		7.53	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Fluorene	NELAP	0.402		0.528	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.402		5.23	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Naphthalene	NELAP	0.402	J	0.37	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Phenanthrene	NELAP	0.402		3.80	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Pyrene	NELAP	0.402		12.3	mg/Kg-dry	100	4/8/2008 1:22:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		79.8	%REC	100	4/8/2008 1:22:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		20.0	%REC	100	4/8/2008 1:22:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		59.9	%REC	100	4/8/2008 1:22:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.2		17.0	µg/Kg-dry	1	4/8/2008 2:43:00 PM	JSA
Ethylbenzene	NELAP	6.0		ND	µg/Kg-dry	1	4/8/2008 2:43:00 PM	JSA
Toluene	NELAP	6.0	J	2.5	µg/Kg-dry	1	4/8/2008 2:43:00 PM	JSA
Xylenes, Total	NELAP	6.0	J	2.1	µg/Kg-dry	1	4/8/2008 2:43:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		108.5	%REC	1	4/8/2008 2:43:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		90.0	%REC	1	4/8/2008 2:43:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		105.3	%REC	1	4/8/2008 2:43:00 PM	JSA
Surr: Toluene-d8		80.1-122		97.1	%REC	1	4/8/2008 2:43:00 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: 08040185
Lab ID: 08040185-005
Report Date: 09-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-833 @ 9-10 ft
Collection Date: 4/2/2008 4:45:00 PM
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 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.50		2.92	mg/Kg-dry	1	4/8/2008 11:41:41 AM	LAL
Chromium	NELAP	1.00		24.2	mg/Kg-dry	1	4/7/2008 10:49:24 PM	LAL
Lead	NELAP	4.00		19.7	mg/Kg-dry	1	4/7/2008 10:49:24 PM	LAL
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.439		3.09	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Acenaphthylene	NELAP	0.439		11.7	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Anthracene	NELAP	0.439		11.0	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Benzo(a)anthracene	NELAP	0.439		6.26	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Benzo(a)pyrene	NELAP	0.439		4.38	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.439		4.86	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.439		1.30	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.439		1.93	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Chrysene	NELAP	0.439		5.35	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.439		0.517	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Fluoranthene	NELAP	0.439		17.0	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Fluorene	NELAP	0.439		14.2	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.439		1.43	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Naphthalene	NELAP	0.439		52.2	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Phenanthrene	NELAP	0.439		36.5	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Pyrene	NELAP	0.439		14.3	mg/Kg-dry	100	4/8/2008 1:57:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		39.9	%REC	100	4/8/2008 1:57:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		39.9	%REC	100	4/8/2008 1:57:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		59.9	%REC	100	4/8/2008 1:57:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1290		13200	µg/Kg-dry	1000	4/8/2008 4:14:00 PM	JSA
Ethylbenzene	NELAP	6460	J	5500	µg/Kg-dry	1000	4/8/2008 4:14:00 PM	JSA
Toluene	NELAP	6460		34900	µg/Kg-dry	1000	4/8/2008 4:14:00 PM	JSA
Xylenes, Total	NELAP	6460		54000	µg/Kg-dry	1000	4/8/2008 4:14:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		96.9	%REC	1000	4/8/2008 4:14:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		99.0	%REC	1000	4/8/2008 4:14:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		99.9	%REC	1000	4/8/2008 4:14:00 PM	JSA
Surr: Toluene-d8		80.1-122		100.3	%REC	1000	4/8/2008 4:14:00 PM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.46		1.31	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: 08040185

Lab ID: 08040185-005

Report Date: 09-Apr-08

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

Client Sample ID: B-833 @ 9-10 ft

Collection Date: 4/2/2008 4:45:00 PM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.63		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: 08040185
Lab ID: 08040185-006
Report Date: 09-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-833 @ 10-12 ft
Collection Date: 4/2/2008 5:20:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		22.2	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		77.8	%	1	4/4/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.434		10.1	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Acenaphthylene	NELAP	0.434		41.5	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Anthracene	NELAP	0.434		35.0	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Benzo(a)anthracene	NELAP	0.434		20.5	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Benzo(a)pyrene	NELAP	0.434		14.9	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.434		15.5	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.434		4.68	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.434		6.04	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Chrysene	NELAP	0.434		19.3	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.434		2.20	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Fluoranthene	NELAP	0.434		52.7	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Fluorene	NELAP	0.434		44.9	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.434		5.10	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Naphthalene	NELAP	0.434		201	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Phenanthrene	NELAP	0.434		106	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Pyrene	NELAP	0.434		45.0	mg/Kg-dry	100	4/8/2008 2:32:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		59.9	%REC	100	4/8/2008 2:32:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		59.9	%REC	100	4/8/2008 2:32:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		99.8	%REC	100	4/8/2008 2:32:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1290		15300	µg/Kg-dry	1000	4/8/2008 4:44:00 PM	JSA
Ethylbenzene	NELAP	6430		6810	µg/Kg-dry	1000	4/8/2008 4:44:00 PM	JSA
Toluene	NELAP	6430		42900	µg/Kg-dry	1000	4/8/2008 4:44:00 PM	JSA
Xylenes, Total	NELAP	6430		68200	µg/Kg-dry	1000	4/8/2008 4:44:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		96.0	%REC	1000	4/8/2008 4:44:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		97.9	%REC	1000	4/8/2008 4:44:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		98.9	%REC	1000	4/8/2008 4:44:00 PM	JSA
Surr: Toluene-d8		80.1-122		100.3	%REC	1000	4/8/2008 4:44:00 PM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040185
Lab ID: 08040185-007
Report Date: 09-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-833 @ 25-26 ft
Collection Date: 4/2/2008 6:10:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		10.4	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		89.6	%	1	4/4/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.091	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.669	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Anthracene	NELAP	0.004		0.078	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.013	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.009	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.010	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.006	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004	J	0.004	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Chrysene	NELAP	0.004		0.012	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Fluoranthene	NELAP	0.004		0.038	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Fluorene	NELAP	0.004		0.299	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.004	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Naphthalene	NELAP	0.038		4.64	mg/Kg-dry	10	4/8/2008 7:20:00 PM	TDN
Phenanthrene	NELAP	0.004		0.249	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Pyrene	NELAP	0.004		0.031	mg/Kg-dry	1	4/7/2008 12:56:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		53.3	%REC	1	4/7/2008 12:56:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		55.7	%REC	1	4/7/2008 12:56:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		66.7	%REC	1	4/7/2008 12:56:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1120		3190	µg/Kg-dry	1000	4/8/2008 5:14:00 PM	JSA
Ethylbenzene	NELAP	5580		7160	µg/Kg-dry	1000	4/8/2008 5:14:00 PM	JSA
Toluene	NELAP	5580		29400	µg/Kg-dry	1000	4/8/2008 5:14:00 PM	JSA
Xylenes, Total	NELAP	5580		75100	µg/Kg-dry	1000	4/8/2008 5:14:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		94.8	%REC	1000	4/8/2008 5:14:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		97.7	%REC	1000	4/8/2008 5:14:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		96.5	%REC	1000	4/8/2008 5:14:00 PM	JSA
Surr: Toluene-d8		80.1-122		100.2	%REC	1000	4/8/2008 5:14:00 PM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040185
Lab ID: 08040185-008
Report Date: 09-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-833 @ 31-32 ft
Collection Date: 4/2/2008 6:30:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		10	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		90.0	%	1	4/4/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.021	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.023	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Anthracene	NELAP	0.004		0.043	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.035	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.027	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.029	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.014	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.011	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Chrysene	NELAP	0.004		0.034	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		0.004	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Fluoranthene	NELAP	0.004		0.087	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Fluorene	NELAP	0.004		0.036	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.011	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Naphthalene	NELAP	0.004		0.072	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Phenanthrene	NELAP	0.004		0.143	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Pyrene	NELAP	0.004		0.083	mg/Kg-dry	1	4/7/2008 2:40:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		42.3	%REC	1	4/7/2008 2:40:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		50.1	%REC	1	4/7/2008 2:40:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		67.9	%REC	1	4/7/2008 2:40:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		6.0	µg/Kg-dry	1	4/9/2008 10:52:00 AM	JSA
Ethylbenzene	NELAP	4.4	J	1.3	µg/Kg-dry	1	4/9/2008 10:52:00 AM	JSA
Toluene	NELAP	4.4		5.6	µg/Kg-dry	1	4/9/2008 10:52:00 AM	JSA
Xylenes, Total	NELAP	4.4	J	3.7	µg/Kg-dry	1	4/9/2008 10:52:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		70.8	%REC	1	4/9/2008 10:52:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		112.6	%REC	1	4/9/2008 10:52:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		71.2	%REC	1	4/9/2008 10:52:00 AM	JSA
Surr: Toluene-d8		80.1-122		102.7	%REC	1	4/9/2008 10:52:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040185
Lab ID: 08040185-009
Report Date: 09-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-833 @ 10-12ft DUP
Collection Date: 4/2/2008 5:20:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		22.5	%	1	4/4/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		77.5	%	1	4/4/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.439		12.9	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Acenaphthylene	NELAP	0.439		57.6	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Anthracene	NELAP	0.439		40.3	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Benzo(a)anthracene	NELAP	0.439		26.5	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Benzo(a)pyrene	NELAP	0.439		19.6	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.439		21.4	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.439		5.74	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.439		8.68	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Chrysene	NELAP	0.439		24.6	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.439		2.69	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Fluoranthene	NELAP	0.439		66.0	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Fluorene	NELAP	0.439		58.9	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.439		6.72	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Naphthalene	NELAP	2.20		325	mg/Kg-dry	500	4/8/2008 7:56:00 PM	TDN
Phenanthrene	NELAP	0.439		117	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Pyrene	NELAP	0.439		50.6	mg/Kg-dry	100	4/8/2008 3:07:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		99.8	%REC	100	4/8/2008 3:07:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		59.9	%REC	100	4/8/2008 3:07:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		99.8	%REC	100	4/8/2008 3:07:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1290		50700	µg/Kg-dry	1000	4/8/2008 3:44:00 PM	JSA
Ethylbenzene	NELAP	6450		24000	µg/Kg-dry	1000	4/8/2008 3:44:00 PM	JSA
Toluene	NELAP	6450		163000	µg/Kg-dry	1000	4/8/2008 3:44:00 PM	JSA
Xylenes, Total	NELAP	6450		255000	µg/Kg-dry	1000	4/8/2008 3:44:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		96.6	%REC	1000	4/8/2008 3:44:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		99.7	%REC	1000	4/8/2008 3:44:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		99.2	%REC	1000	4/8/2008 3:44:00 PM	JSA
Surr: Toluene-d8		80.1-122		99.7	%REC	1000	4/8/2008 3:44:00 PM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

Client: Philip Environmental
Project: A831-735002-012901-225/IP Champaign
Lab Order: 08040185
Report Date: 09-Apr-08

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040185-001A	B-829 @ 2-3 ft	4/2/2008	Solid	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	4/8/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040185-001D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
08040185-002A	B-829 @ 6-7 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	4/4/2008
				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 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
08040185-002D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/9/2008
08040185-003A	B-829 @ 21-22 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
08040185-003D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/9/2008

ENVIRONMENTAL TESTING LABORATORY

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

Client: Philip Environmental
Project: A831-735002-012901-225/IP Champaign
Lab Order: 08040185
Report Date: 09-Apr-08

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040185-003D	B-829 @ 21-22 ft	4/2/2008	Solid	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/9/2008
08040185-004A	B-833 @ 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
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040185-004D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
08040185-005A	B-833 @ 9-10 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 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
08040185-005D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
08040185-006A	B-833 @ 10-12 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
08040185-006D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
08040185-007A	B-833 @ 25-26 ft			ASTM D2974		4/4/2008
				Standard Methods 18th Ed. 2540 G		4/4/2008

ENVIRONMENTAL TESTING LABORATORY

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Client: Philip Environmental
Project: A831-735002-012901-225/IP Champaign
Lab Order: 08040185
Report Date: 09-Apr-08

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040185-007A	B-833 @ 25-26 ft	4/2/2008	Solid	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 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040185-007D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008
08040185-008A	B-833 @ 31-32 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	4/7/2008
08040185-008D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/9/2008
08040185-009A	B-833 @ 10-12ft DUP			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	4/8/2008
08040185-009D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/8/2008	4/8/2008

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: 08040185

Report Date: 09-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_TCN_S_MT

Lab Order: 08040185

Report Date: 09-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

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

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

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: I_TS_M_MT

Lab Order: 08040185

Report Date: 09-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: 08040185-005ADUP	SampType: DUP	Units: %	Prep Date:	RunNo: 106413							
Client ID: B-833 @ 9-10 ftDUP	Batch ID: R106413		Analysis Date: 4/4/2008	SeqNo: 1899690							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	77.9	0.1						77.42	0.669	15	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: M_SOLIDS_ICP

Lab Order: 08040185

Report Date: 09-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: 08040185-002AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 4/7/2008	RunNo: 106443					
Client ID: B-829 @ 6-7 ftMS	Batch ID: 43859	SOP 3032				Analysis Date: 4/7/2008	SeqNo: 1901380					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Arsenic	184	2.36	188.7	8.840	92.7	75	125				
Chromium	39.9	0.94	18.87	22.87	90.3	75	125				
Lead	56.1	3.77	47.17	14.87	87.4	75	125				

Sample ID: 08040185-002AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 4/7/2008	RunNo: 106443					
Client ID: B-829 @ 6-7 ftMSD	Batch ID: 43859	SOP 3032				Analysis Date: 4/7/2008	SeqNo: 1901381					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Arsenic	183	2.36	188.7	8.840	92.4	75	125	183.8	0.308	20	
Chromium	39.7	0.94	18.87	22.87	89.0	75	125	39.91	0.617	20	
Lead	55.6	3.77	47.17	14.87	86.4	75	125	56.11	0.861	20	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: M_SOLIDS_ICP

Lab Order: 08040185

Report Date: 09-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				

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				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08040185

Report Date: 09-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: 08040185

Report Date: 09-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: 08040185

Report Date: 09-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: 08040185-002AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 4/7/2008	RunNo: 106478							
Client ID: B-829 @ 6-7 ftMS	Batch ID: 43877	SW3550B	Analysis Date: 4/8/2008	SeqNo: 1901645							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.74	0.008	0.2021	2.003	-128.7	36	135				S
Acenaphthylene	0.356	0.008	0.2021	0.2399	57.5	17.2	167				
Anthracene	0.933	0.008	0.2021	0.9749	-20.7	39.3	124				S
Benzo(a)anthracene	0.657	0.008	0.2021	0.6728	-7.7	10	183				S
Benzo(a)pyrene	0.586	0.008	0.2021	0.5453	20.3	10	204				
Benzo(b)fluoranthene	0.535	0.008	0.2021	0.5128	11.2	10.6	178				
Benzo(g,h,i)perylene	0.330	0.008	0.2021	0.2274	50.7	10	168				
Benzo(k)fluoranthene	0.328	0.008	0.2021	0.1785	74.2	27.6	181				
Chrysene	0.636	0.008	0.2021	0.6253	5.4	10	176				S
Dibenzo(a,h)anthracene	0.208	0.008	0.2021	0.07061	67.8	12.2	156				
Fluoranthene	1.47	0.008	0.2021	1.682	-105.7	10	227				S
Fluorene	1.23	0.008	0.2021	1.384	-76.5	35.2	148				S
Indeno(1,2,3-cd)pyrene	0.314	0.008	0.2021	0.1936	59.6	10	164				
Naphthalene	0.187	0.008	0.2021	0.06295	61.1	14.7	128				
Phenanthrene	3.40	0.008	0.2021	4.095	-343.0	32.8	143				S
Pyrene	1.77	0.008	0.2021	2.031	-130.5	10	180				S
Surr: 2-Fluorobiphenyl	0.152		0.2021		75.4	10	131				
Surr: Nitrobenzene-d5	0.130		0.2021		64.3	10	132				
Surr: p-Terphenyl-d14	0.154		0.2021		76.2	30.6	131				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08040185

Report Date: 09-Apr-08

Sample ID: 08040185-002AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 4/7/2008		RunNo: 106478			
Client ID: B-829 @ 6-7 ftMSD		Batch ID: 43877		SW3550B		Analysis Date: 4/8/2008		SeqNo: 1901646			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	2.16	0.008	0.2074	2.003	74.0	36	135	1.743	21.2	49.7	
Acenaphthylene	0.397	0.008	0.2074	0.2399	75.7	17.2	167	0.3561	10.8	33.3	
Anthracene	1.11	0.008	0.2074	0.9749	63.6	39.3	124	0.9331	17.0	51.1	
Benzo(a)anthracene	0.816	0.008	0.2074	0.6728	69.2	10	183	0.6573	21.6	40.6	
Benzo(a)pyrene	0.699	0.008	0.2074	0.5453	74.0	10	204	0.5864	17.5	56.4	
Benzo(b)fluoranthene	0.687	0.008	0.2074	0.5128	83.9	10.6	178	0.5355	24.8	49.7	
Benzo(g,h,i)perylene	0.373	0.008	0.2074	0.2274	70.0	10	168	0.3298	12.2	36.5	
Benzo(k)fluoranthene	0.351	0.008	0.2074	0.1785	83.0	27.6	181	0.3285	6.56	42.6	
Chrysene	0.742	0.008	0.2074	0.6253	56.4	10	176	0.6362	15.4	45.1	
Dibenzo(a,h)anthracene	0.209	0.008	0.2074	0.07061	66.6	12.2	156	0.2076	0.496	39.9	
Fluoranthene	1.85	0.008	0.2074	1.682	78.9	10	227	1.469	22.8	66.2	
Fluorene	1.44	0.008	0.2074	1.384	24.8	35.2	148	1.230	15.5	65.6	S
Indeno(1,2,3-cd)pyrene	0.342	0.008	0.2074	0.1936	71.7	10	164	0.3140	8.62	36.5	
Naphthalene	0.183	0.008	0.2074	0.06295	58.0	14.7	128	0.1865	1.81	39.6	
Phenanthrene	3.83	0.008	0.2074	4.095	-130.1	32.8	143	3.402	11.7	35.4	S
Pyrene	2.21	0.008	0.2074	2.031	84.1	10	180	1.768	22.1	60.1	
Surr: 2-Fluorobiphenyl	0.140		0.2074		67.5	10	131		0	40	
Surr: Nitrobenzene-d5	0.115		0.2074		55.5	10	132		0	40	
Surr: p-Terphenyl-d14	0.137		0.2074		66.3	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: 08040185

Report Date: 09-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: 08040185

Report Date: 09-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: 08040185

Report Date: 09-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: 08040185

Report Date: 09-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	2.8
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 No No VOA vials submitted

Water - pH acceptable upon receipt? Yes No

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

08040185

COC Serial No. **B** 08864

Project Name: Amerevil P Campaign Project Mgr.: Derek Ingram

Project Number: 62403053 **Cost Code:** D24501

Sampler(s): L. Hoosier

Laboratory Name: Teklab

Location: Collinsville IL

Sample Number and (depth)	Date	Time	Matrix					Total Number of Containers	Analyses by Method Name and Number	Comments (Field PID)	Lab ID #'s
			Soil	Water	Air	Wipes	Other *				
B-829 (2.5'-3')	4-2	1338	X				1	Metals * PHH 8270 SINS BTEX 8260 B	Metals - arsenic, chromium, lead	001	
B-829 (2'-3')	4-2	1338	X				1	PHH 8270 SINS BTEX 8260 B Cyanide 9010 FDD 2974-8 PH 915C		002	
B-829 (6'-6.5')	4-2	1404	X				2			002	
B-829 (6'-7')	4-2	1404	X				2			003	
B-829 (21.5'-22')	4-2	1524	X				4			003	
B-829 (21'-22')	4-2	1524	X				1			004	
B-833 (2.5'-3')	4-2	1620	X				4			004	
B-833 (2'-3')	4-2	1620	X				1			005	
B-833 (9.5'-10')	4-2	1645	X				4		see D. Ingram combined any depths within the same 3ft. 4/3/08 AMM L-201 samples to nearest ft.	005	
B-833 (9'-10')	4-2	1645	X				2			006	
B-833 (10.5'-11.5')	4-2	1720	X				5			006	
B-833 (25.5'-26')	4-2	1810	X				5			007	

Laboratory Temperature upon Receipt: 2.8

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 (NaOH)
- Cyanide Sodium hydroxide
- 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: 4-3-08 Time: 17:30

Signature: [Signature] Date: 4-3-08 Time: 14:00

Received by:

Signature: [Signature] Date: 4-3-08 Time: 17:30

Signature: [Signature] Date: 4-3-08 Time: 14:00

Shipping:

Carrier / Airbill No. _____

Signature: _____

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

