

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

May 16, 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 62403053

WorkOrder: 08050415

Dear Derek Ingram:

TEKLAB, INC received 40 samples on 5/9/2008 5:20:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

Client: Philip Environmental**SAMPLE SUMMARY****Project:** A831-735002-012901-225/IP Champaign 62403053**Lab Order:** 08050415**Report Date:** 16-May-08

Lab Sample ID	Client Sample ID	Fractions	Collection Date
08050415-001	B-812 1.0-2.0 ft	4	5/5/2008 4:10:00 PM
08050415-002	B-812 9.0-10.0 ft	4	5/5/2008 4:25:00 PM
08050415-003	B-812 11.0-12.0 ft	4	5/5/2008 4:42:00 PM
08050415-004	B-811 2.0-3.0 ft	4	5/5/2008 5:15:00 PM
08050415-005	B-811 9.0-10.0 ft	4	5/5/2008 5:23:00 PM
08050415-006	B-811 11.0-12.0 ft	4	5/5/2008 5:43:00 PM
08050415-007	B-843 2.0-3.0 ft	4	5/6/2008 9:24:00 AM
08050415-008	B-843 7.0-8.0 ft	4	5/6/2008 9:35:00 AM
08050415-009	B-843 10.0-11.0 ft	4	5/6/2008 9:47:00 AM
08050415-010	B-844 1.0-2.0 ft	4	5/6/2008 12:47:00 PM
08050415-011	B-844 8.0-9.0 ft	4	5/6/2008 1:05:00 PM
08050415-012	B-844 15.0-16.0 ft	4	5/6/2008 1:40:00 PM
08050415-013	B-851 19.0-20.0 ft	4	5/9/2008 10:20:00 AM
08050415-014	B-852 2.0-3.0 ft	4	5/9/2008 11:11:00 AM
08050415-015	B-852 9.0-10.0 ft	4	5/9/2008 11:25:00 AM
08050415-016	B-852 23.0-24.0 ft	4	5/9/2008 11:42:00 AM
08050415-017	B-845 6.0-7.0 ft	4	5/6/2008 2:45:00 PM
08050415-018	B-845 13.0-14.0 ft	4	5/6/2008 3:00:00 PM
08050415-019	B-846 8.5-9.5 ft	4	5/7/2008 8:55:00 AM
08050415-020	B-846 10.0-11.0 ft	4	5/7/2008 9:30:00 AM
08050415-021	B-846 20.0-21.0 ft	4	5/7/2008 9:54:00 AM
08050415-022	B-803 2.0-3.0 ft	4	5/7/2008 10:07:00 AM
08050415-023	B-803 9.0-10.0 ft	4	5/7/2008 10:20:00 AM
08050415-024	B-803 21.0-22.0 ft	4	5/7/2008 10:41:00 AM
08050415-025	B-803 29.0-30.0 ft	4	5/7/2008 10:55:00 AM
08050415-026	B-849 0.0-1.0 ft	4	5/7/2008 11:25:00 AM
08050415-027	B-849 9.0-10.0 ft	4	5/7/2008 11:35:00 AM
08050415-028	B-849 16.0-17.0 ft	4	5/7/2008 11:55:00 AM
08050415-029	B-848 2.0-3.0 ft	4	5/7/2008 3:45:00 PM
08050415-030	B-848 9.0-10.0 ft	4	5/7/2008 3:55:00 PM
08050415-031	B-848 13.0-14.0 ft	4	5/7/2008 4:10:00 PM
08050415-032	B-847 6.0-7.0 ft	4	5/7/2008 4:47:00 PM
08050415-033	B-847 22.0-23.0 ft	4	5/7/2008 5:18:00 PM

ENVIRONMENTAL TESTING LABORATORY

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Client: Philip Environmental

SAMPLE SUMMARY

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

Lab Order: 08050415

Report Date: 16-May-08

Lab Sample ID	Client Sample ID	Fractions	Collection Date
08050415-034	B-809 2.0-3.0 ft	4	5/8/2008 9:45:00 AM
08050415-035	B-809 9.0-10.0 ft	4	5/8/2008 9:58:00 AM
08050415-036	B-809 15.0-16.0 ft	4	5/8/2008 10:15:00 AM
08050415-037	B-847 29.0-30.0 ft	4	5/7/2008 5:30:00 PM
08050415-038	B-850 8.0-9.0 ft	4	5/8/2008 11:30:00 AM
08050415-039	B-850 16.0-17.0 ft	4	5/8/2008 12:05:00 PM
08050415-040	B-850 25.0-26.0 ft	4	5/8/2008 12:55:00 PM

ENVIRONMENTAL TESTING LABORATORY

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Client: Philip Environmental

CASE NARRATIVE

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

LabOrder: 08050415

Report Date: 16-May-08

Cooler Receipt Temp: 4.6 °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: 08050415
Lab ID: 08050415-001
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-812 1.0-2.0 ft
Collection Date: 5/5/2008 4:10:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		24.5	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		75.5	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.005		ND	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Acenaphthylene	NELAP	0.005		ND	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Anthracene	NELAP	0.005		ND	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Benzo(a)anthracene	NELAP	0.005		0.008	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Benzo(a)pyrene	NELAP	0.005		0.008	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.005		0.011	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.005		0.007	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.005		ND	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Chrysene	NELAP	0.005		0.006	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.005		ND	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Fluoranthene	NELAP	0.005		0.007	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Fluorene	NELAP	0.005		ND	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.005		0.005	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Naphthalene	NELAP	0.005		ND	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Phenanthrene	NELAP	0.005		ND	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Pyrene	NELAP	0.005		0.008	mg/Kg-dry	1	5/14/2008 10:34:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		57.7	%REC	1	5/14/2008 10:34:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		61.9	%REC	1	5/14/2008 10:34:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		66.7	%REC	1	5/14/2008 10:34:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.1		ND	µg/Kg-dry	1	5/13/2008 5:30:00 AM	JSA
Ethylbenzene	NELAP	5.7		ND	µg/Kg-dry	1	5/13/2008 5:30:00 AM	JSA
Toluene	NELAP	5.7	J	1.4	µg/Kg-dry	1	5/13/2008 5:30:00 AM	JSA
Xylenes, Total	NELAP	5.7		ND	µg/Kg-dry	1	5/13/2008 5:30:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		87.3	%REC	1	5/13/2008 5:30:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		98.3	%REC	1	5/13/2008 5:30:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		98.0	%REC	1	5/13/2008 5:30:00 AM	JSA
Surr: Toluene-d8		80.1-122		98.3	%REC	1	5/13/2008 5:30:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

WorkOrder: 08050415

Lab ID: 08050415-002

Report Date: 16-May-08

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

Client Sample ID: B-812 9.0-10.0 ft

Collection Date: 5/5/2008 4:25:00 PM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		12.7	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		87.3	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:10:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		60.7	%REC	1	5/14/2008 11:10:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		61.3	%REC	1	5/14/2008 11:10:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		66.7	%REC	1	5/14/2008 11:10:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.0		3.0	µg/Kg-dry	1	5/13/2008 5:59:00 AM	JSA
Ethylbenzene	NELAP	4.8	J	2.1	µg/Kg-dry	1	5/13/2008 5:59:00 AM	JSA
Toluene	NELAP	4.8		7.1	µg/Kg-dry	1	5/13/2008 5:59:00 AM	JSA
Xylenes, Total	NELAP	4.8		5.0	µg/Kg-dry	1	5/13/2008 5:59:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		72.0	%REC	1	5/13/2008 5:59:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		97.6	%REC	1	5/13/2008 5:59:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		85.6	%REC	1	5/13/2008 5:59:00 AM	JSA
Surr: Toluene-d8		80.1-122		104.7	%REC	1	5/13/2008 5:59:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-003
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-812 11.0-12.0 ft
Collection Date: 5/5/2008 4:42:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		15.3	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		84.7	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:02:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		48.5	%REC	1	5/15/2008 2:02:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		51.9	%REC	1	5/15/2008 2:02:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		59.5	%REC	1	5/15/2008 2:02:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		2.3	µg/Kg-dry	1	5/13/2008 6:28:00 AM	JSA
Ethylbenzene	NELAP	4.6	J	1.6	µg/Kg-dry	1	5/13/2008 6:28:00 AM	JSA
Toluene	NELAP	4.6		4.6	µg/Kg-dry	1	5/13/2008 6:28:00 AM	JSA
Xylenes, Total	NELAP	4.6	J	3.6	µg/Kg-dry	1	5/13/2008 6:28:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		85.1	%REC	1	5/13/2008 6:28:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		99.2	%REC	1	5/13/2008 6:28:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		96.8	%REC	1	5/13/2008 6:28:00 AM	JSA
Surr: Toluene-d8		80.1-122		97.7	%REC	1	5/13/2008 6:28:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

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LABORATORY RESULTS

Client: Philip Environmental

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

WorkOrder: 08050415

Client Sample ID: B-811 2.0-3.0 ft

Lab ID: 08050415-004

Collection Date: 5/5/2008 5:15:00 PM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		21.1	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		78.9	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.27		2.81	mg/Kg-dry	1	5/14/2008 7:32:30 PM	LAL
Chromium	NELAP	0.91		20.0	mg/Kg-dry	1	5/14/2008 7:32:30 PM	LAL
Lead	NELAP	3.64		16.8	mg/Kg-dry	1	5/15/2008 5:35:14 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	5/15/2008 3:56:00 AM	TDN
Acenaphthylene	NELAP	0.004		0.012	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Anthracene	NELAP	0.004		0.020	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Benzo(a)anthracene	NELAP	0.004		0.073	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Benzo(a)pyrene	NELAP	0.004		0.083	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.102	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.047	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.035	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Chrysene	NELAP	0.004		0.080	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		0.014	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Fluoranthene	NELAP	0.004		0.127	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Fluorene	NELAP	0.004		0.005	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.046	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Naphthalene	NELAP	0.004		0.004	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Phenanthrene	NELAP	0.004		0.055	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Pyrene	NELAP	0.004		0.105	mg/Kg-dry	1	5/15/2008 3:56:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		53.5	%REC	1	5/15/2008 3:56:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		57.1	%REC	1	5/15/2008 3:56:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		67.1	%REC	1	5/15/2008 3:56:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.1		3.6	µg/Kg-dry	1	5/13/2008 8:23:00 PM	GEK
Ethylbenzene	NELAP	5.5	J	2.2	µg/Kg-dry	1	5/13/2008 8:23:00 PM	GEK
Toluene	NELAP	5.5		7.3	µg/Kg-dry	1	5/13/2008 8:23:00 PM	GEK
Xylenes, Total	NELAP	5.5		7.6	µg/Kg-dry	1	5/13/2008 8:23:00 PM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		115.7	%REC	1	5/13/2008 8:23:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117	S	73.2	%REC	1	5/13/2008 8:23:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130		109.3	%REC	1	5/13/2008 8:23:00 PM	GEK
Surr: Toluene-d8		80.1-122		117.4	%REC	1	5/13/2008 8:23:00 PM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.63	J	0.32	mg/Kg-dry	1	5/13/2008	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: 08050415

Client Sample ID: B-811 2.0-3.0 ft

Lab ID: 08050415-004

Collection Date: 5/5/2008 5:15:00 PM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.63		< 0.63	mg/Kg-dry	1	5/14/2008	AET

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

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

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

WorkOrder: 08050415

Client Sample ID: B-811 9.0-10.0 ft

Lab ID: 08050415-005

Collection Date: 5/5/2008 5:23:00 PM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		20.3	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		79.7	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.50		6.47	mg/Kg-dry	1	5/14/2008 7:39:17 PM	LAL
Chromium	NELAP	1.00		15.1	mg/Kg-dry	1	5/14/2008 7:39:17 PM	LAL
Lead	NELAP	4.00		10.0	mg/Kg-dry	1	5/15/2008 5:39:25 PM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.008	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.017	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 2:39:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		35.3	%REC	1	5/15/2008 2:39:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		40.1	%REC	1	5/15/2008 2:39:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		54.9	%REC	1	5/15/2008 2:39:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.8		ND	µg/Kg-dry	1	5/13/2008 6:58:00 AM	JSA
Ethylbenzene	NELAP	4.2		ND	µg/Kg-dry	1	5/13/2008 6:58:00 AM	JSA
Toluene	NELAP	4.2		ND	µg/Kg-dry	1	5/13/2008 6:58:00 AM	JSA
Xylenes, Total	NELAP	4.2		ND	µg/Kg-dry	1	5/13/2008 6:58:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		89.2	%REC	1	5/13/2008 6:58:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		101.7	%REC	1	5/13/2008 6:58:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		98.6	%REC	1	5/13/2008 6:58:00 AM	JSA
Surr: Toluene-d8		80.1-122		97.7	%REC	1	5/13/2008 6:58:00 AM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.60	J	0.25	mg/Kg-dry	1	5/13/2008	AET

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-005
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-811 9.0-10.0 ft
Collection Date: 5/5/2008 5:23:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 9014A</u> Cyanide, Amenable to Chlorination		0.60		Interference	mg/Kg-dry	1	5/14/2008	AET

[Sample Narrative](#)

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: 08050415

Client Sample ID: B-811 11.0-12.0 ft

Lab ID: 08050415-006

Collection Date: 5/5/2008 5:43:00 PM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		12.6	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		87.4	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.40		6.43	mg/Kg-dry	1	5/14/2008 7:46:04 PM	LAL
Chromium	NELAP	0.96		14.4	mg/Kg-dry	1	5/14/2008 7:46:04 PM	LAL
Lead	NELAP	3.85		10.1	mg/Kg-dry	1	5/15/2008 5:43:38 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	5/14/2008 4:11:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:11:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		31.9	%REC	1	5/14/2008 4:11:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		48.3	%REC	1	5/14/2008 4:11:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		62.7	%REC	1	5/14/2008 4:11:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.8		2.5	µg/Kg-dry	1	5/13/2008 7:27:00 AM	JSA
Ethylbenzene	NELAP	4.2	J	1.4	µg/Kg-dry	1	5/13/2008 7:27:00 AM	JSA
Toluene	NELAP	4.2		4.5	µg/Kg-dry	1	5/13/2008 7:27:00 AM	JSA
Xylenes, Total	NELAP	4.2	J	3.2	µg/Kg-dry	1	5/13/2008 7:27:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		88.3	%REC	1	5/13/2008 7:27:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117	S	77.3	%REC	1	5/13/2008 7:27:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		107.2	%REC	1	5/13/2008 7:27:00 AM	JSA
Surr: Toluene-d8		80.1-122		89.1	%REC	1	5/13/2008 7:27:00 AM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.57		< 0.57	mg/Kg-dry	1	5/13/2008	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: 08050415

Client Sample ID: B-811 11.0-12.0 ft

Lab ID: 08050415-006

Collection Date: 5/5/2008 5:43:00 PM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.57		Interference	mg/Kg-dry	1	5/14/2008	AET

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
FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-007
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-843 2.0-3.0 ft
Collection Date: 5/6/2008 9:24:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		19.5	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		80.5	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.50		3.16	mg/Kg-dry	1	5/14/2008 8:06:21 PM	LAL
Chromium	NELAP	1.00		27.0	mg/Kg-dry	1	5/14/2008 8:06:21 PM	LAL
Lead	NELAP	4.00		27.3	mg/Kg-dry	1	5/16/2008 9:05:23 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 4:47:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		43.5	%REC	1	5/14/2008 4:47:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		54.9	%REC	1	5/14/2008 4:47:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		65.9	%REC	1	5/14/2008 4:47:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.1		ND	µg/Kg-dry	1	5/13/2008 7:57:00 AM	JSA
Ethylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	5/13/2008 7:57:00 AM	JSA
Toluene	NELAP	5.5		ND	µg/Kg-dry	1	5/13/2008 7:57:00 AM	JSA
Xylenes, Total	NELAP	5.5		ND	µg/Kg-dry	1	5/13/2008 7:57:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		89.0	%REC	1	5/13/2008 7:57:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		103.9	%REC	1	5/13/2008 7:57:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		101.9	%REC	1	5/13/2008 7:57:00 AM	JSA
Surr: Toluene-d8		80.1-122		97.8	%REC	1	5/13/2008 7:57:00 AM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.60		< 0.60	mg/Kg-dry	1	5/13/2008	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: 08050415

Client Sample ID: B-843 2.0-3.0 ft

Lab ID: 08050415-007

Collection Date: 5/6/2008 9:24:00 AM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 9014A</u>								
Cyanide, Amenable to Chlorination		0.60		Interference	mg/Kg-dry	1	5/14/2008	AET

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-008
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-843 7.0-8.0 ft
Collection Date: 5/6/2008 9:35:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		13.2	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		86.8	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.50		6.42	mg/Kg-dry	1	5/14/2008 8:13:28 PM	LAL
Chromium	NELAP	1.00		14.0	mg/Kg-dry	1	5/14/2008 8:13:28 PM	LAL
Lead	NELAP	4.00		9.48	mg/Kg-dry	1	5/16/2008 9:07:39 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:22:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		28.5	%REC	1	5/14/2008 5:22:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		41.3	%REC	1	5/14/2008 5:22:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		67.9	%REC	1	5/14/2008 5:22:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.8		3.1	µg/Kg-dry	1	5/13/2008 8:25:00 AM	JSA
Ethylbenzene	NELAP	3.8	J	2.8	µg/Kg-dry	1	5/13/2008 8:25:00 AM	JSA
Toluene	NELAP	3.8		6.1	µg/Kg-dry	1	5/13/2008 8:25:00 AM	JSA
Xylenes, Total	NELAP	3.8		4.4	µg/Kg-dry	1	5/13/2008 8:25:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		82.2	%REC	1	5/13/2008 8:25:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		98.4	%REC	1	5/13/2008 8:25:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		96.0	%REC	1	5/13/2008 8:25:00 AM	JSA
Surr: Toluene-d8		80.1-122		100.3	%REC	1	5/13/2008 8:25:00 AM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.55		< 0.55	mg/Kg-dry	1	5/13/2008	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: 08050415

Client Sample ID: B-843 7.0-8.0 ft

Lab ID: 08050415-008

Collection Date: 5/6/2008 9:35:00 AM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 9014A</u>								
Cyanide, Amenable to Chlorination		0.55		Interference	mg/Kg-dry	1	5/14/2008	AET

[Sample Narrative](#)

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-009
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-843 10.0-11.0 ft
Collection Date: 5/6/2008 9:47:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		12.5	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		87.5	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.004	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Anthracene	NELAP	0.004		0.004	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.011	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.008	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.011	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.005	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004	J	0.004	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Chrysene	NELAP	0.004		0.008	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Fluoranthene	NELAP	0.004		0.021	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.004	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Naphthalene	NELAP	0.004	J	0.004	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Phenanthrene	NELAP	0.004		0.020	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Pyrene	NELAP	0.004		0.016	mg/Kg-dry	1	5/14/2008 5:58:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		34.9	%REC	1	5/14/2008 5:58:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		49.3	%REC	1	5/14/2008 5:58:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		64.5	%REC	1	5/14/2008 5:58:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		2.6	µg/Kg-dry	1	5/13/2008 8:54:00 AM	JSA
Ethylbenzene	NELAP	4.4	J	1.8	µg/Kg-dry	1	5/13/2008 8:54:00 AM	JSA
Toluene	NELAP	4.4		5.9	µg/Kg-dry	1	5/13/2008 8:54:00 AM	JSA
Xylenes, Total	NELAP	4.4		4.4	µg/Kg-dry	1	5/13/2008 8:54:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		81.8	%REC	1	5/13/2008 8:54:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		91.1	%REC	1	5/13/2008 8:54:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		98.7	%REC	1	5/13/2008 8:54:00 AM	JSA
Surr: Toluene-d8		80.1-122		97.8	%REC	1	5/13/2008 8:54:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

WorkOrder: 08050415

Lab ID: 08050415-010

Report Date: 16-May-08

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

Client Sample ID: B-844 1.0-2.0 ft

Collection Date: 5/6/2008 12:47:00 PM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		20.8	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		79.2	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.31		9.60	mg/Kg-dry	1	5/14/2008 8:20:17 PM	LAL
Chromium	NELAP	0.93		20.2	mg/Kg-dry	1	5/14/2008 8:20:17 PM	LAL
Lead	NELAP	3.70		150	mg/Kg-dry	1	5/16/2008 9:09:55 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.009		ND	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Acenaphthylene	NELAP	0.009		0.035	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Anthracene	NELAP	0.009		0.026	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Benzo(a)anthracene	NELAP	0.009		0.119	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Benzo(a)pyrene	NELAP	0.009		0.135	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.009		0.169	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.009		0.084	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.009		0.060	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Chrysene	NELAP	0.009		0.144	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.009		0.023	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Fluoranthene	NELAP	0.009		0.230	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Fluorene	NELAP	0.009		0.012	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.009		0.077	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Naphthalene	NELAP	0.009		0.011	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Phenanthrene	NELAP	0.009		0.162	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Pyrene	NELAP	0.009		0.232	mg/Kg-dry	2	5/15/2008 8:06:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		47.1	%REC	2	5/15/2008 8:06:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		50.3	%REC	2	5/15/2008 8:06:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		56.7	%REC	2	5/15/2008 8:06:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.2		ND	µg/Kg-dry	1	5/13/2008 9:23:00 AM	JSA
Ethylbenzene	NELAP	6.0		ND	µg/Kg-dry	1	5/13/2008 9:23:00 AM	JSA
Toluene	NELAP	6.0		ND	µg/Kg-dry	1	5/13/2008 9:23:00 AM	JSA
Xylenes, Total	NELAP	6.0		ND	µg/Kg-dry	1	5/13/2008 9:23:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		92.9	%REC	1	5/13/2008 9:23:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		96.5	%REC	1	5/13/2008 9:23:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		104.9	%REC	1	5/13/2008 9:23:00 AM	JSA
Surr: Toluene-d8		80.1-122		96.8	%REC	1	5/13/2008 9:23:00 AM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.60	J	0.51	mg/Kg-dry	1	5/13/2008	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: 08050415

Client Sample ID: B-844 1.0-2.0 ft

Lab ID: 08050415-010

Collection Date: 5/6/2008 12:47:00 PM

Report Date: 16-May-08

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	5/14/2008	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.

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-011
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-844 8.0-9.0 ft
Collection Date: 5/6/2008 1:05:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		13.3	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		86.7	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.50		6.35	mg/Kg-dry	1	5/14/2008 8:39:50 PM	LAL
Chromium	NELAP	1.00		14.0	mg/Kg-dry	1	5/14/2008 8:39:50 PM	LAL
Lead	NELAP	4.00		9.77	mg/Kg-dry	1	5/16/2008 9:12:12 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.014	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.020	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.028	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.024	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.014	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.007	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Chrysene	NELAP	0.004		0.018	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Fluoranthene	NELAP	0.004		0.016	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.011	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Pyrene	NELAP	0.004		0.039	mg/Kg-dry	1	5/14/2008 6:33:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		22.0	%REC	1	5/14/2008 6:33:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		37.3	%REC	1	5/14/2008 6:33:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		66.7	%REC	1	5/14/2008 6:33:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		3.1	µg/Kg-dry	1	5/13/2008 9:52:00 AM	JSA
Ethylbenzene	NELAP	4.5		7.9	µg/Kg-dry	1	5/13/2008 9:52:00 AM	JSA
Toluene	NELAP	4.5		5.5	µg/Kg-dry	1	5/13/2008 9:52:00 AM	JSA
Xylenes, Total	NELAP	4.5		11.1	µg/Kg-dry	1	5/13/2008 9:52:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		91.0	%REC	1	5/13/2008 9:52:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		100.1	%REC	1	5/13/2008 9:52:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		100.8	%REC	1	5/13/2008 9:52:00 AM	JSA
Surr: Toluene-d8		80.1-122		98.6	%REC	1	5/13/2008 9:52:00 AM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.56		< 0.56	mg/Kg-dry	1	5/13/2008	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: 08050415

Client Sample ID: B-844 8.0-9.0 ft

Lab ID: 08050415-011

Collection Date: 5/6/2008 1:05:00 PM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 9014A</u>								
Cyanide, Amenable to Chlorination		0.56		Interference	mg/Kg-dry	1	5/14/2008	AET

[Sample Narrative](#)

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-012
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-844 15.0-16.0 ft
Collection Date: 5/6/2008 1:40:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		11.9	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		88.1	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.039		2.49	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Acenaphthylene	NELAP	0.039		0.684	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Anthracene	NELAP	0.039		1.81	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Benzo(a)anthracene	NELAP	0.039		0.893	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Benzo(a)pyrene	NELAP	0.039		0.847	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.039		0.662	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.039		0.325	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.039		0.195	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Chrysene	NELAP	0.039		0.913	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.039		0.089	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Fluoranthene	NELAP	0.039		1.88	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Fluorene	NELAP	0.039		1.70	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.039		0.266	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Naphthalene	NELAP	0.039		12.7	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Phenanthrene	NELAP	0.039		6.07	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Pyrene	NELAP	0.039		2.71	mg/Kg-dry	10	5/15/2008 5:10:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		49.9	%REC	10	5/15/2008 5:10:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		49.9	%REC	10	5/15/2008 5:10:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		61.9	%REC	10	5/15/2008 5:10:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	87.3		640	µg/Kg-dry	50	5/14/2008 8:41:00 PM	GEK
Ethylbenzene	NELAP	436		3070	µg/Kg-dry	50	5/14/2008 8:41:00 PM	GEK
Toluene	NELAP	436	J	250	µg/Kg-dry	50	5/14/2008 8:41:00 PM	GEK
Xylenes, Total	NELAP	436		4200	µg/Kg-dry	50	5/14/2008 8:41:00 PM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		95.8	%REC	50	5/14/2008 8:41:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		96.8	%REC	50	5/14/2008 8:41:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130		103.0	%REC	50	5/14/2008 8:41:00 PM	GEK
Surr: Toluene-d8		80.1-122		96.5	%REC	50	5/14/2008 8:41:00 PM	GEK

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: 08050415
Lab ID: 08050415-013
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-851 19.0-20.0 ft
Collection Date: 5/9/2008 10:20:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		10.7	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		89.3	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:15:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		25.7	%REC	1	5/15/2008 3:15:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		41.9	%REC	1	5/15/2008 3:15:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		57.1	%REC	1	5/15/2008 3:15:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.8		1.4	µg/Kg-dry	1	5/12/2008 11:56:00 PM	GEK
Ethylbenzene	NELAP	3.8		ND	µg/Kg-dry	1	5/12/2008 11:56:00 PM	GEK
Toluene	NELAP	3.8	J	2.1	µg/Kg-dry	1	5/12/2008 11:56:00 PM	GEK
Xylenes, Total	NELAP	3.8	J	2.6	µg/Kg-dry	1	5/12/2008 11:56:00 PM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		106.9	%REC	1	5/12/2008 11:56:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		86.2	%REC	1	5/12/2008 11:56:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130		107.4	%REC	1	5/12/2008 11:56:00 PM	GEK
Surr: Toluene-d8		80.1-122		111.8	%REC	1	5/12/2008 11:56:00 PM	GEK

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-014
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-852 2.0-3.0 ft
Collection Date: 5/9/2008 11:11:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		21.2	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		78.8	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.40		4.62	mg/Kg-dry	1	5/14/2008 8:46:38 PM	LAL
Chromium	NELAP	0.96		23.5	mg/Kg-dry	1	5/14/2008 8:46:38 PM	LAL
Lead	NELAP	3.85		51.9	mg/Kg-dry	1	5/16/2008 9:14:29 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Acenaphthylene	NELAP	0.004		0.005	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Benzo(a)anthracene	NELAP	0.004		0.020	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Benzo(a)pyrene	NELAP	0.004		0.023	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.032	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.015	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.011	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Chrysene	NELAP	0.004		0.023	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		0.004	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Fluoranthene	NELAP	0.004		0.036	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.014	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Phenanthrene	NELAP	0.004		0.016	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Pyrene	NELAP	0.004		0.032	mg/Kg-dry	1	5/15/2008 5:47:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		37.9	%REC	1	5/15/2008 5:47:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		49.7	%REC	1	5/15/2008 5:47:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		62.1	%REC	1	5/15/2008 5:47:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.1		1.2	µg/Kg-dry	1	5/13/2008 12:25:00 AM	GEK
Ethylbenzene	NELAP	5.6		ND	µg/Kg-dry	1	5/13/2008 12:25:00 AM	GEK
Toluene	NELAP	5.6		ND	µg/Kg-dry	1	5/13/2008 12:25:00 AM	GEK
Xylenes, Total	NELAP	5.6	J	1.7	µg/Kg-dry	1	5/13/2008 12:25:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		115.8	%REC	1	5/13/2008 12:25:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		96.7	%REC	1	5/13/2008 12:25:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		104.6	%REC	1	5/13/2008 12:25:00 AM	GEK
Surr: Toluene-d8		80.1-122		98.2	%REC	1	5/13/2008 12:25:00 AM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.63		< 0.63	mg/Kg-dry	1	5/13/2008	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: 08050415

Client Sample ID: B-852 2.0-3.0 ft

Lab ID: 08050415-014

Collection Date: 5/9/2008 11:11:00 AM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 9014A</u>								
Cyanide, Amenable to Chlorination		0.63		Interference	mg/Kg-dry	1	5/14/2008	AET

[Sample Narrative](#)

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-015
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-852 9.0-10.0 ft
Collection Date: 5/9/2008 11:25:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		13.2	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		86.8	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 3:52:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		23.0	%REC	1	5/15/2008 3:52:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		34.7	%REC	1	5/15/2008 3:52:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		65.1	%REC	1	5/15/2008 3:52:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.8		2.5	µg/Kg-dry	1	5/13/2008 12:53:00 AM	GEK
Ethylbenzene	NELAP	4.2	J	1.6	µg/Kg-dry	1	5/13/2008 12:53:00 AM	GEK
Toluene	NELAP	4.2		5.0	µg/Kg-dry	1	5/13/2008 12:53:00 AM	GEK
Xylenes, Total	NELAP	4.2	J	4.0	µg/Kg-dry	1	5/13/2008 12:53:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		110.6	%REC	1	5/13/2008 12:53:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		101.1	%REC	1	5/13/2008 12:53:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		108.5	%REC	1	5/13/2008 12:53:00 AM	GEK
Surr: Toluene-d8		80.1-122		98.3	%REC	1	5/13/2008 12:53:00 AM	GEK
<u>SW-846 9045C</u>								
pH (1:1)	NELAP	1.00		8.15		1	5/13/2008 1:27:00 PM	KNL

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-016
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-852 23.0-24.0 ft
Collection Date: 5/9/2008 11:42:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		11.1	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		88.9	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 4:28:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		24.4	%REC	1	5/15/2008 4:28:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		38.9	%REC	1	5/15/2008 4:28:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		56.9	%REC	1	5/15/2008 4:28:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		1.6	µg/Kg-dry	1	5/13/2008 1:22:00 AM	GEK
Ethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	5/13/2008 1:22:00 AM	GEK
Toluene	NELAP	4.4	J	2.5	µg/Kg-dry	1	5/13/2008 1:22:00 AM	GEK
Xylenes, Total	NELAP	4.4	J	1.8	µg/Kg-dry	1	5/13/2008 1:22:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		113.7	%REC	1	5/13/2008 1:22:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		83.9	%REC	1	5/13/2008 1:22:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		111.2	%REC	1	5/13/2008 1:22:00 AM	GEK
Surr: Toluene-d8		80.1-122		110.2	%REC	1	5/13/2008 1:22:00 AM	GEK

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-017
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-845 6.0-7.0 ft
Collection Date: 5/6/2008 2:45:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		19.3	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		80.7	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.40		6.44	mg/Kg-dry	1	5/14/2008 9:06:55 PM	LAL
Chromium	NELAP	0.96		13.6	mg/Kg-dry	1	5/14/2008 9:06:55 PM	LAL
Lead	NELAP	3.85		9.36	mg/Kg-dry	1	5/16/2008 9:21:21 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Phenanthrene	NELAP	0.004		0.004	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:04:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		25.9	%REC	1	5/15/2008 5:04:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		34.5	%REC	1	5/15/2008 5:04:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		60.3	%REC	1	5/15/2008 5:04:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		2.5	µg/Kg-dry	1	5/13/2008 1:51:00 AM	GEK
Ethylbenzene	NELAP	4.7	J	2.2	µg/Kg-dry	1	5/13/2008 1:51:00 AM	GEK
Toluene	NELAP	4.7		7.2	µg/Kg-dry	1	5/13/2008 1:51:00 AM	GEK
Xylenes, Total	NELAP	4.7		4.8	µg/Kg-dry	1	5/13/2008 1:51:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		113.5	%REC	1	5/13/2008 1:51:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		99.0	%REC	1	5/13/2008 1:51:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		108.5	%REC	1	5/13/2008 1:51:00 AM	GEK
Surr: Toluene-d8		80.1-122		97.7	%REC	1	5/13/2008 1:51:00 AM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.60	J	0.20	mg/Kg-dry	1	5/13/2008	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: 08050415

Client Sample ID: B-845 6.0-7.0 ft

Lab ID: 08050415-017

Collection Date: 5/6/2008 2:45:00 PM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 9014A</u>								
Cyanide, Amenable to Chlorination		0.60		Interference	mg/Kg-dry	1	5/14/2008	AET

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

WorkOrder: 08050415

Lab ID: 08050415-018

Report Date: 16-May-08

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

Client Sample ID: B-845 13.0-14.0 ft

Collection Date: 5/6/2008 3:00:00 PM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		13.8	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		86.2	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Pyrene	NELAP	0.004		0.004	mg/Kg-dry	1	5/15/2008 5:40:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		23.8	%REC	1	5/15/2008 5:40:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		34.5	%REC	1	5/15/2008 5:40:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		58.5	%REC	1	5/15/2008 5:40:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.8		2.3	µg/Kg-dry	1	5/13/2008 2:20:00 AM	GEK
Ethylbenzene	NELAP	4.0	J	1.4	µg/Kg-dry	1	5/13/2008 2:20:00 AM	GEK
Toluene	NELAP	4.0		4.7	µg/Kg-dry	1	5/13/2008 2:20:00 AM	GEK
Xylenes, Total	NELAP	4.0	J	3.5	µg/Kg-dry	1	5/13/2008 2:20:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		117.4	%REC	1	5/13/2008 2:20:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		93.3	%REC	1	5/13/2008 2:20:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		107.2	%REC	1	5/13/2008 2:20:00 AM	GEK
Surr: Toluene-d8		80.1-122		102.2	%REC	1	5/13/2008 2:20:00 AM	GEK

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-019
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-846 8.5-9.5 ft
Collection Date: 5/7/2008 8:55:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		24.2	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		75.8	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.023		1.87	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Acenaphthylene	NELAP	0.023		0.312	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Anthracene	NELAP	0.023		0.928	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Benzo(a)anthracene	NELAP	0.023		0.523	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Benzo(a)pyrene	NELAP	0.023		0.469	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.023		0.356	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.023		0.173	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.023		0.109	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Chrysene	NELAP	0.023		0.518	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.023		0.049	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Fluoranthene	NELAP	0.023		1.08	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Fluorene	NELAP	0.023		0.941	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.023		0.142	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Naphthalene	NELAP	0.023		5.44	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Phenanthrene	NELAP	0.023		2.78	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Pyrene	NELAP	0.023		1.61	mg/Kg-dry	5	5/15/2008 6:24:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		27.9	%REC	5	5/15/2008 6:24:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		31.9	%REC	5	5/15/2008 6:24:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		63.9	%REC	5	5/15/2008 6:24:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	130		438	µg/Kg-dry	50	5/14/2008 7:44:00 PM	GEK
Ethylbenzene	NELAP	648		10100	µg/Kg-dry	50	5/14/2008 7:44:00 PM	GEK
Toluene	NELAP	648		ND	µg/Kg-dry	50	5/14/2008 7:44:00 PM	GEK
Xylenes, Total	NELAP	648		8820	µg/Kg-dry	50	5/14/2008 7:44:00 PM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		94.8	%REC	50	5/14/2008 7:44:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		98.3	%REC	50	5/14/2008 7:44:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130		104.4	%REC	50	5/14/2008 7:44:00 PM	GEK
Surr: Toluene-d8		80.1-122		96.1	%REC	50	5/14/2008 7:44:00 PM	GEK

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: 08050415
Lab ID: 08050415-020
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-846 10.0-11.0 ft
Collection Date: 5/7/2008 9:30:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		20.0	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		80.0	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.041		4.19	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Acenaphthylene	NELAP	0.041		0.808	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Anthracene	NELAP	0.041		2.10	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Benzo(a)anthracene	NELAP	0.041		1.30	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Benzo(a)pyrene	NELAP	0.041		1.28	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.041		0.979	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.041		0.471	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.041		0.290	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Chrysene	NELAP	0.041		1.32	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.041		0.133	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Fluoranthene	NELAP	0.041		2.47	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Fluorene	NELAP	0.041		1.91	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.041		0.381	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Naphthalene	NELAP	0.041		12.4	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Phenanthrene	NELAP	0.041		6.29	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Pyrene	NELAP	0.041		3.94	mg/Kg-dry	10	5/15/2008 7:01:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		18.0	%REC	10	5/15/2008 7:01:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		22.0	%REC	10	5/15/2008 7:01:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		57.9	%REC	10	5/15/2008 7:01:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	65.2		205	µg/Kg-dry	25	5/14/2008 6:46:00 PM	GEK
Ethylbenzene	NELAP	326		3420	µg/Kg-dry	25	5/14/2008 6:46:00 PM	GEK
Toluene	NELAP	326	J	84	µg/Kg-dry	25	5/14/2008 6:46:00 PM	GEK
Xylenes, Total	NELAP	326		2900	µg/Kg-dry	25	5/14/2008 6:46:00 PM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		102.2	%REC	25	5/14/2008 6:46:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		101.3	%REC	25	5/14/2008 6:46:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130		113.7	%REC	25	5/14/2008 6:46:00 PM	GEK
Surr: Toluene-d8		80.1-122		98.2	%REC	25	5/14/2008 6:46:00 PM	GEK

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: 08050415
Lab ID: 08050415-021
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-846 20.0-21.0 ft
Collection Date: 5/7/2008 9:54:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		9.7	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		90.3	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.004	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Naphthalene	NELAP	0.004		0.013	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Phenanthrene	NELAP	0.004		0.009	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	5/14/2008 7:09:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		50.3	%REC	1	5/14/2008 7:09:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		54.7	%REC	1	5/14/2008 7:09:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		63.7	%REC	1	5/14/2008 7:09:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	19.7		3160	µg/Kg-dry	12.5	5/13/2008 6:28:00 PM	GEK
Ethylbenzene	NELAP	98.3		ND	µg/Kg-dry	12.5	5/13/2008 6:28:00 PM	GEK
Toluene	NELAP	98.3		ND	µg/Kg-dry	12.5	5/13/2008 6:28:00 PM	GEK
Xylenes, Total	NELAP	98.3		ND	µg/Kg-dry	12.5	5/13/2008 6:28:00 PM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		99.8	%REC	12.5	5/13/2008 6:28:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		96.1	%REC	12.5	5/13/2008 6:28:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130		104.2	%REC	12.5	5/13/2008 6:28:00 PM	GEK
Surr: Toluene-d8		80.1-122		100.6	%REC	12.5	5/13/2008 6:28:00 PM	GEK

Sample Narrative

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

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

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

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

WorkOrder: 08050415

Client Sample ID: B-803 2.0-3.0 ft

Lab ID: 08050415-022

Collection Date: 5/7/2008 10:07:00 AM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		19.9	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		80.1	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.27		5.49	mg/Kg-dry	1	5/14/2008 9:13:44 PM	LAL
Chromium	NELAP	0.91		21.2	mg/Kg-dry	1	5/14/2008 9:13:44 PM	LAL
Lead	NELAP	3.64		145	mg/Kg-dry	1	5/16/2008 9:23:38 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.008	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Acenaphthylene	NELAP	0.004		0.023	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Anthracene	NELAP	0.004		0.023	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Benzo(a)anthracene	NELAP	0.004		0.086	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Benzo(a)pyrene	NELAP	0.004		0.105	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.131	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.066	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.045	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Chrysene	NELAP	0.004		0.096	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		0.017	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Fluoranthene	NELAP	0.004		0.173	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Fluorene	NELAP	0.004		0.007	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.059	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Naphthalene	NELAP	0.004		0.034	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Phenanthrene	NELAP	0.004		0.105	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Pyrene	NELAP	0.004		0.171	mg/Kg-dry	1	5/15/2008 7:39:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		61.7	%REC	1	5/15/2008 7:39:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		59.9	%REC	1	5/15/2008 7:39:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		64.3	%REC	1	5/15/2008 7:39:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.2		1.9	µg/Kg-dry	1	5/13/2008 7:54:00 PM	GEK
Ethylbenzene	NELAP	5.8		6.9	µg/Kg-dry	1	5/13/2008 7:54:00 PM	GEK
Toluene	NELAP	5.8	J	3.9	µg/Kg-dry	1	5/13/2008 7:54:00 PM	GEK
Xylenes, Total	NELAP	5.8		10.7	µg/Kg-dry	1	5/13/2008 7:54:00 PM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		119.2	%REC	1	5/13/2008 7:54:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117	S	75.0	%REC	1	5/13/2008 7:54:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130		113.6	%REC	1	5/13/2008 7:54:00 PM	GEK
Surr: Toluene-d8		80.1-122		121.7	%REC	1	5/13/2008 7:54:00 PM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.57	J	0.37	mg/Kg-dry	1	5/13/2008	AET

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental**WorkOrder:** 08050415**Lab ID:** 08050415-022**Report Date:** 16-May-08**Client Project:** A831-735002-012901-225/IP Champ**Client Sample ID:** B-803 2.0-3.0 ft**Collection Date:** 5/7/2008 10:07:00 AM**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.57		Interference	mg/Kg-dry	1	5/14/2008	AET

Sample Narrative

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

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

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: 08050415
Lab ID: 08050415-023
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-803 9.0-10.0 ft
Collection Date: 5/7/2008 10:20:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		22.0	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		78.0	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.50	J	2.0	mg/Kg-dry	1	5/14/2008 9:20:31 PM	LAL
Chromium	NELAP	1.00		27.0	mg/Kg-dry	1	5/14/2008 9:20:31 PM	LAL
Lead	NELAP	4.00		14.2	mg/Kg-dry	1	5/16/2008 9:25:56 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.026	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.008	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Anthracene	NELAP	0.004		0.018	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.015	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.012	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.010	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.005	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Chrysene	NELAP	0.004		0.014	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Fluoranthene	NELAP	0.004		0.025	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Fluorene	NELAP	0.004		0.015	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Naphthalene	NELAP	0.004		0.062	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Phenanthrene	NELAP	0.004		0.063	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Pyrene	NELAP	0.004		0.037	mg/Kg-dry	1	5/14/2008 8:56:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		52.1	%REC	1	5/14/2008 8:56:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		57.7	%REC	1	5/14/2008 8:56:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		64.1	%REC	1	5/14/2008 8:56:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.0	J	0.8	µg/Kg-dry	1	5/13/2008 7:26:00 PM	GEK
Ethylbenzene	NELAP	5.2		ND	µg/Kg-dry	1	5/13/2008 7:26:00 PM	GEK
Toluene	NELAP	5.2		ND	µg/Kg-dry	1	5/13/2008 7:26:00 PM	GEK
Xylenes, Total	NELAP	5.2		ND	µg/Kg-dry	1	5/13/2008 7:26:00 PM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		111.9	%REC	1	5/13/2008 7:26:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		94.5	%REC	1	5/13/2008 7:26:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130		103.3	%REC	1	5/13/2008 7:26:00 PM	GEK
Surr: Toluene-d8		80.1-122		98.1	%REC	1	5/13/2008 7:26:00 PM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.61		< 0.61	mg/Kg-dry	1	5/13/2008	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: 08050415

Client Sample ID: B-803 9.0-10.0 ft

Lab ID: 08050415-023

Collection Date: 5/7/2008 10:20:00 AM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.61		Interference	mg/Kg-dry	1	5/14/2008	AET

Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-024
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-803 21.0-22.0 ft
Collection Date: 5/7/2008 10:41:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		12.8	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		87.2	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.31		5.41	mg/Kg-dry	1	5/14/2008 9:27:19 PM	LAL
Chromium	NELAP	0.93		14.2	mg/Kg-dry	1	5/14/2008 9:27:19 PM	LAL
Lead	NELAP	7.41		8.65	mg/Kg-dry	2	5/16/2008 11:09:13 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.039		2.96	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Acenaphthylene	NELAP	0.039		3.19	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Anthracene	NELAP	0.039		2.54	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Benzo(a)anthracene	NELAP	0.039		1.33	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Benzo(a)pyrene	NELAP	0.039		1.24	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.039		0.915	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.039		0.425	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.039		0.275	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Chrysene	NELAP	0.039		1.30	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.039		0.119	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Fluoranthene	NELAP	0.039		2.74	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Fluorene	NELAP	0.039		2.61	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.039		0.345	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Naphthalene	NELAP	0.039		13.0	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Phenanthrene	NELAP	0.039		8.16	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Pyrene	NELAP	0.039		4.13	mg/Kg-dry	10	5/15/2008 8:14:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		61.9	%REC	10	5/15/2008 8:14:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		51.9	%REC	10	5/15/2008 8:14:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		63.9	%REC	10	5/15/2008 8:14:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	75.8		158	µg/Kg-dry	50	5/14/2008 6:18:00 PM	GEK
Ethylbenzene	NELAP	379		4560	µg/Kg-dry	50	5/14/2008 6:18:00 PM	GEK
Toluene	NELAP	379	J	320	µg/Kg-dry	50	5/14/2008 6:18:00 PM	GEK
Xylenes, Total	NELAP	379		3500	µg/Kg-dry	50	5/14/2008 6:18:00 PM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		96.1	%REC	50	5/14/2008 6:18:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		101.5	%REC	50	5/14/2008 6:18:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130		105.3	%REC	50	5/14/2008 6:18:00 PM	GEK
Surr: Toluene-d8		80.1-122		97.2	%REC	50	5/14/2008 6:18:00 PM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.57		< 0.57	mg/Kg-dry	1	5/13/2008	AET

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

WorkOrder: 08050415

Lab ID: 08050415-024

Report Date: 16-May-08

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

Client Sample ID: B-803 21.0-22.0 ft

Collection Date: 5/7/2008 10:41:00 AM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.57		Interference	mg/Kg-dry	1	5/14/2008	AET

Sample Narrative

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

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

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-025
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-803 29.0-30.0 ft
Collection Date: 5/7/2008 10:55:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		10.3	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		89.7	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.004	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Fluoranthene	NELAP	0.004	J	0.004	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Naphthalene	NELAP	0.004		0.010	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Phenanthrene	NELAP	0.004		0.008	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Pyrene	NELAP	0.004		0.005	mg/Kg-dry	1	5/14/2008 9:32:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		39.9	%REC	1	5/14/2008 9:32:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		47.3	%REC	1	5/14/2008 9:32:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		61.7	%REC	1	5/14/2008 9:32:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.8		1.4	µg/Kg-dry	1	5/13/2008 2:49:00 AM	GEK
Ethylbenzene	NELAP	3.8		ND	µg/Kg-dry	1	5/13/2008 2:49:00 AM	GEK
Toluene	NELAP	3.8	J	2.0	µg/Kg-dry	1	5/13/2008 2:49:00 AM	GEK
Xylenes, Total	NELAP	3.8	J	1.3	µg/Kg-dry	1	5/13/2008 2:49:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		116.3	%REC	1	5/13/2008 2:49:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		88.7	%REC	1	5/13/2008 2:49:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		111.7	%REC	1	5/13/2008 2:49:00 AM	GEK
Surr: Toluene-d8		80.1-122		108.4	%REC	1	5/13/2008 2:49:00 AM	GEK

Sample Narrative

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

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

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: 08050415

Client Sample ID: B-849 0.0-1.0 ft

Lab ID: 08050415-026

Collection Date: 5/7/2008 11:25:00 AM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		20.0	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		80.0	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.40	J	2.0	mg/Kg-dry	1	5/14/2008 9:34:08 PM	LAL
Chromium	NELAP	0.96		27.5	mg/Kg-dry	1	5/14/2008 9:34:08 PM	LAL
Lead	NELAP	38.5		107	mg/Kg-dry	10	5/16/2008 11:11:31 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Acenaphthylene	NELAP	0.004		0.010	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Anthracene	NELAP	0.004		0.006	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Benzo(a)anthracene	NELAP	0.004		0.033	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Benzo(a)pyrene	NELAP	0.004		0.039	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.058	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.025	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.020	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Chrysene	NELAP	0.004		0.043	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Fluoranthene	NELAP	0.004		0.062	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.024	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Naphthalene	NELAP	0.004		0.006	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Phenanthrene	NELAP	0.004		0.035	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Pyrene	NELAP	0.004		0.064	mg/Kg-dry	1	5/15/2008 8:50:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		51.9	%REC	1	5/15/2008 8:50:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		56.9	%REC	1	5/15/2008 8:50:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		62.9	%REC	1	5/15/2008 8:50:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.1		1.2	µg/Kg-dry	1	5/13/2008 3:18:00 AM	GEK
Ethylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	5/13/2008 3:18:00 AM	GEK
Toluene	NELAP	5.3	J	1.1	µg/Kg-dry	1	5/13/2008 3:18:00 AM	GEK
Xylenes, Total	NELAP	5.3		ND	µg/Kg-dry	1	5/13/2008 3:18:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		117.3	%REC	1	5/13/2008 3:18:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		83.5	%REC	1	5/13/2008 3:18:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		113.3	%REC	1	5/13/2008 3:18:00 AM	GEK
Surr: Toluene-d8		80.1-122		109.7	%REC	1	5/13/2008 3:18:00 AM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.60	J	0.52	mg/Kg-dry	1	5/13/2008	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: 08050415

Client Sample ID: B-849 0.0-1.0 ft

Lab ID: 08050415-026

Collection Date: 5/7/2008 11:25:00 AM

Report Date: 16-May-08

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	5/14/2008	AET

Sample Narrative

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

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

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: 08050415

Client Sample ID: B-849 9.0-10.0 ft

Lab ID: 08050415-027

Collection Date: 5/7/2008 11:35:00 AM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		14.5	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		85.5	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.50		5.59	mg/Kg-dry	1	5/14/2008 9:41:15 PM	LAL
Chromium	NELAP	1.00		13.3	mg/Kg-dry	1	5/14/2008 9:41:15 PM	LAL
Lead	NELAP	8.00		12.4	mg/Kg-dry	2	5/16/2008 11:13:47 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:08:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		23.4	%REC	1	5/14/2008 10:08:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		30.7	%REC	1	5/14/2008 10:08:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		63.1	%REC	1	5/14/2008 10:08:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		2.6	µg/Kg-dry	1	5/13/2008 3:46:00 AM	GEK
Ethylbenzene	NELAP	4.4	J	2.1	µg/Kg-dry	1	5/13/2008 3:46:00 AM	GEK
Toluene	NELAP	4.4		5.7	µg/Kg-dry	1	5/13/2008 3:46:00 AM	GEK
Xylenes, Total	NELAP	4.4		4.6	µg/Kg-dry	1	5/13/2008 3:46:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		118.7	%REC	1	5/13/2008 3:46:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		98.0	%REC	1	5/13/2008 3:46:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		109.8	%REC	1	5/13/2008 3:46:00 AM	GEK
Surr: Toluene-d8		80.1-122		97.5	%REC	1	5/13/2008 3:46:00 AM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.56		< 0.56	mg/Kg-dry	1	5/13/2008	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: 08050415

Client Sample ID: B-849 9.0-10.0 ft

Lab ID: 08050415-027

Collection Date: 5/7/2008 11:35:00 AM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.56		Interference	mg/Kg-dry	1	5/14/2008	AET

Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-028
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-849 16.0-17.0 ft
Collection Date: 5/7/2008 11:55:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		9.7	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		90.3	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.31		5.88	mg/Kg-dry	1	5/14/2008 10:00:49 PM	LAL
Chromium	NELAP	0.93		12.0	mg/Kg-dry	1	5/14/2008 10:00:49 PM	LAL
Lead	NELAP	3.70		6.88	mg/Kg-dry	1	5/16/2008 11:16:03 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.037		0.665	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Acenaphthylene	NELAP	0.037		1.55	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Anthracene	NELAP	0.037		1.12	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Benzo(a)anthracene	NELAP	0.037		0.670	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Benzo(a)pyrene	NELAP	0.037		0.661	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.037		0.520	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.037		0.227	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.037		0.161	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Chrysene	NELAP	0.037		0.661	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.037		0.065	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Fluoranthene	NELAP	0.037		1.21	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Fluorene	NELAP	0.037		1.07	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.037		0.187	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Naphthalene	NELAP	0.037		5.37	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Phenanthrene	NELAP	0.037		3.54	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Pyrene	NELAP	0.037		1.84	mg/Kg-dry	10	5/15/2008 9:27:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		53.9	%REC	10	5/15/2008 9:27:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		53.9	%REC	10	5/15/2008 9:27:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		65.9	%REC	10	5/15/2008 9:27:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	179		1210	µg/Kg-dry	100	5/14/2008 5:49:00 PM	GEK
Ethylbenzene	NELAP	896		6240	µg/Kg-dry	100	5/14/2008 5:49:00 PM	GEK
Toluene	NELAP	896	J	890	µg/Kg-dry	100	5/14/2008 5:49:00 PM	GEK
Xylenes, Total	NELAP	896		5640	µg/Kg-dry	100	5/14/2008 5:49:00 PM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		101.0	%REC	100	5/14/2008 5:49:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		100.4	%REC	100	5/14/2008 5:49:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130		103.7	%REC	100	5/14/2008 5:49:00 PM	GEK
Surr: Toluene-d8		80.1-122		95.9	%REC	100	5/14/2008 5:49:00 PM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.54		< 0.54	mg/Kg-dry	1	5/13/2008	AET

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental**WorkOrder:** 08050415**Lab ID:** 08050415-028**Report Date:** 16-May-08**Client Project:** A831-735002-012901-225/IP Champ**Client Sample ID:** B-849 16.0-17.0 ft**Collection Date:** 5/7/2008 11:55:00 AM**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.54		Interference	mg/Kg-dry	1	5/14/2008	AET

Sample Narrative

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

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

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-029
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-848 2.0-3.0 ft
Collection Date: 5/7/2008 3:45:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		20.1	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		79.9	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.008		ND	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Acenaphthylene	NELAP	0.008		0.024	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Anthracene	NELAP	0.008		0.011	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Benzo(a)anthracene	NELAP	0.008		0.067	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Benzo(a)pyrene	NELAP	0.008		0.089	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.008		0.103	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.008		0.050	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.008		0.032	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Chrysene	NELAP	0.008		0.075	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.008		0.013	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Fluoranthene	NELAP	0.008		0.091	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Fluorene	NELAP	0.008		ND	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.008		0.042	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Naphthalene	NELAP	0.008		0.014	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Phenanthrene	NELAP	0.008		0.053	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Pyrene	NELAP	0.008		0.111	mg/Kg-dry	2	5/15/2008 10:04:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		39.5	%REC	2	5/15/2008 10:04:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		47.5	%REC	2	5/15/2008 10:04:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		57.1	%REC	2	5/15/2008 10:04:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.1		1.3	µg/Kg-dry	1	5/13/2008 4:15:00 AM	GEK
Ethylbenzene	NELAP	5.7		ND	µg/Kg-dry	1	5/13/2008 4:15:00 AM	GEK
Toluene	NELAP	5.7		ND	µg/Kg-dry	1	5/13/2008 4:15:00 AM	GEK
Xylenes, Total	NELAP	5.7		ND	µg/Kg-dry	1	5/13/2008 4:15:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		118.6	%REC	1	5/13/2008 4:15:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		88.6	%REC	1	5/13/2008 4:15:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		110.9	%REC	1	5/13/2008 4:15:00 AM	GEK
Surr: Toluene-d8		80.1-122		106.0	%REC	1	5/13/2008 4:15:00 AM	GEK

Sample Narrative

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

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

WorkOrder: 08050415

Lab ID: 08050415-030

Report Date: 16-May-08

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

Client Sample ID: B-848 9.0-10.0 ft

Collection Date: 5/7/2008 3:55:00 PM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		24.2	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		75.8	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 10:46:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		42.3	%REC	1	5/14/2008 10:46:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		45.3	%REC	1	5/14/2008 10:46:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		67.9	%REC	1	5/14/2008 10:46:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.0		5.8	µg/Kg-dry	1	5/13/2008 4:44:00 AM	GEK
Ethylbenzene	NELAP	5.1	J	3.9	µg/Kg-dry	1	5/13/2008 4:44:00 AM	GEK
Toluene	NELAP	5.1		11.7	µg/Kg-dry	1	5/13/2008 4:44:00 AM	GEK
Xylenes, Total	NELAP	5.1		7.2	µg/Kg-dry	1	5/13/2008 4:44:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		116.7	%REC	1	5/13/2008 4:44:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		99.5	%REC	1	5/13/2008 4:44:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		110.0	%REC	1	5/13/2008 4:44:00 AM	GEK
Surr: Toluene-d8		80.1-122		97.9	%REC	1	5/13/2008 4:44:00 AM	GEK

Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-031
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-848 13.0-14.0 ft
Collection Date: 5/7/2008 4:10:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		21.5	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		78.5	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/14/2008 11:23:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		25.7	%REC	1	5/14/2008 11:23:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		35.7	%REC	1	5/14/2008 11:23:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		67.3	%REC	1	5/14/2008 11:23:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		3.0	µg/Kg-dry	1	5/13/2008 5:13:00 AM	GEK
Ethylbenzene	NELAP	4.6	J	1.9	µg/Kg-dry	1	5/13/2008 5:13:00 AM	GEK
Toluene	NELAP	4.6		6.0	µg/Kg-dry	1	5/13/2008 5:13:00 AM	GEK
Xylenes, Total	NELAP	4.6	J	3.8	µg/Kg-dry	1	5/13/2008 5:13:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		114.6	%REC	1	5/13/2008 5:13:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		96.6	%REC	1	5/13/2008 5:13:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		111.8	%REC	1	5/13/2008 5:13:00 AM	GEK
Surr: Toluene-d8		80.1-122		96.1	%REC	1	5/13/2008 5:13:00 AM	GEK

Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-032
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-847 6.0-7.0 ft
Collection Date: 5/7/2008 4:47:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		21.1	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		78.9	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Phenanthrene	NELAP	0.004		0.011	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	5/15/2008 6:17:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		25.1	%REC	1	5/15/2008 6:17:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		41.1	%REC	1	5/15/2008 6:17:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		64.1	%REC	1	5/15/2008 6:17:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.0		2.7	µg/Kg-dry	1	5/13/2008 5:42:00 AM	GEK
Ethylbenzene	NELAP	5.2	J	3.0	µg/Kg-dry	1	5/13/2008 5:42:00 AM	GEK
Toluene	NELAP	5.2		6.8	µg/Kg-dry	1	5/13/2008 5:42:00 AM	GEK
Xylenes, Total	NELAP	5.2		5.7	µg/Kg-dry	1	5/13/2008 5:42:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		119.9	%REC	1	5/13/2008 5:42:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		101.9	%REC	1	5/13/2008 5:42:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		109.3	%REC	1	5/13/2008 5:42:00 AM	GEK
Surr: Toluene-d8		80.1-122		97.3	%REC	1	5/13/2008 5:42:00 AM	GEK

Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-033
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-847 22.0-23.0 ft
Collection Date: 5/7/2008 5:18:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		12.4	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		87.6	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u>								
Diesel	NELAP	139	SR#	562	mg/Kg-dry	25	5/15/2008 4:01:00 PM	DMH
Kerosene	NELAP	139		ND	mg/Kg-dry	25	5/15/2008 4:01:00 PM	DMH
Mineral Spirits	NELAP	139		ND	mg/Kg-dry	25	5/15/2008 4:01:00 PM	DMH
Motor Oil	NELAP	139		ND	mg/Kg-dry	25	5/15/2008 4:01:00 PM	DMH
Surr: n-Tetracontane	NELAP	50.6-140	S	44.7	%REC	25	5/15/2008 4:01:00 PM	DMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.190		0.950	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Acenaphthylene	NELAP	0.190		4.73	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Anthracene	NELAP	0.190		2.36	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Benzo(a)anthracene	NELAP	0.190		1.29	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Benzo(a)pyrene	NELAP	0.190		1.15	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.190		0.905	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.190		0.356	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.190		0.258	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Chrysene	NELAP	0.190		1.27	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.190		ND	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Fluoranthene	NELAP	0.190		2.53	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Fluorene	NELAP	0.190		2.50	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.190		0.300	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Naphthalene	NELAP	0.190		13.8	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Phenanthrene	NELAP	0.190		8.04	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Pyrene	NELAP	0.190		3.79	mg/Kg-dry	50	5/15/2008 10:39:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		49.9	%REC	50	5/15/2008 10:39:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		49.9	%REC	50	5/15/2008 10:39:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		59.9	%REC	50	5/15/2008 10:39:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	548		1440	µg/Kg-dry	500	5/14/2008 11:32:00 AM	GEK
Ethylbenzene	NELAP	2740		62800	µg/Kg-dry	500	5/14/2008 11:32:00 AM	GEK
Toluene	NELAP	2740		12400	µg/Kg-dry	500	5/14/2008 11:32:00 AM	GEK
Xylenes, Total	NELAP	2740		75600	µg/Kg-dry	500	5/14/2008 11:32:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		109.7	%REC	500	5/14/2008 11:32:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		104.6	%REC	500	5/14/2008 11:32:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		105.8	%REC	500	5/14/2008 11:32:00 AM	GEK
Surr: Toluene-d8		80.1-122		93.6	%REC	500	5/14/2008 11:32:00 AM	GEK

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: 08050415

Client Sample ID: B-847 22.0-23.0 ft

Lab ID: 08050415-033

Collection Date: 5/7/2008 5:18:00 PM

Report Date: 16-May-08

Matrix: SOLID

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

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

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

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

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

Surrogate recovery was outside QC limits due to matrix interference.

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

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

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-034
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-809 2.0-3.0 ft
Collection Date: 5/8/2008 9:45:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		19.7	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		80.3	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.36		4.34	mg/Kg-dry	1	5/14/2008 10:07:39 PM	LAL
Chromium	NELAP	0.94		7.08	mg/Kg-dry	1	5/14/2008 10:07:39 PM	LAL
Lead	NELAP	37.7		48.5	mg/Kg-dry	10	5/16/2008 11:18:19 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.042		0.153	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Acenaphthylene	NELAP	0.042		0.061	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Anthracene	NELAP	0.042		0.157	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Benzo(a)anthracene	NELAP	0.042		1.11	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Benzo(a)pyrene	NELAP	0.042		2.84	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.042		2.78	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.042		2.26	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.042		0.907	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Chrysene	NELAP	0.042		1.24	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.042		0.551	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Fluoranthene	NELAP	0.042		1.40	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Fluorene	NELAP	0.042		0.049	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.042		2.03	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Naphthalene	NELAP	0.042		0.136	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Phenanthrene	NELAP	0.042		0.716	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Pyrene	NELAP	0.042		1.34	mg/Kg-dry	10	5/15/2008 8:41:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		45.9	%REC	10	5/15/2008 8:41:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		47.9	%REC	10	5/15/2008 8:41:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		53.9	%REC	10	5/15/2008 8:41:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.5		1.6	µg/Kg-dry	1	5/13/2008 9:50:00 PM	GEK
Ethylbenzene	NELAP	7.5		ND	µg/Kg-dry	1	5/13/2008 9:50:00 PM	GEK
Toluene	NELAP	7.5	J	2.8	µg/Kg-dry	1	5/13/2008 9:50:00 PM	GEK
Xylenes, Total	NELAP	7.5	J	6.2	µg/Kg-dry	1	5/13/2008 9:50:00 PM	GEK
Surr: 1,2-Dichloroethane-d4		61-128	S	140.0	%REC	1	5/13/2008 9:50:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117	S	63.5	%REC	1	5/13/2008 9:50:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130	S	142.3	%REC	1	5/13/2008 9:50:00 PM	GEK
Surr: Toluene-d8		80.1-122	S	158.5	%REC	1	5/13/2008 9:50:00 PM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.61		1.23	mg/Kg-dry	1	5/13/2008	AET

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-034
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-809 2.0-3.0 ft
Collection Date: 5/8/2008 9:45:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 9014A</u> Cyanide, Amenable to Chlorination		0.61		Interference	mg/Kg-dry	1	5/14/2008	AET
<u>SW-846 9045C</u> pH (1:1)	NELAP	1.00		7.25		1	5/13/2008 1:32:00 PM	KNL

Sample Narrative

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

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

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

Surrogate recovery was outside QC limits due to matrix interference.

Results verified by re-analysis.

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: 08050415

Client Sample ID: B-809 9.0-10.0 ft

Lab ID: 08050415-035

Collection Date: 5/8/2008 9:58:00 AM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		17.7	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		82.3	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.36		3.08	mg/Kg-dry	1	5/14/2008 10:14:13 PM	LAL
Chromium	NELAP	0.94		16.1	mg/Kg-dry	1	5/14/2008 10:14:13 PM	LAL
Lead	NELAP	7.55		12.4	mg/Kg-dry	2	5/16/2008 11:20:35 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Benzo(a)anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 12:37:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		26.3	%REC	1	5/15/2008 12:37:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		38.7	%REC	1	5/15/2008 12:37:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		65.3	%REC	1	5/15/2008 12:37:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		1.6	µg/Kg-dry	1	5/13/2008 6:39:00 AM	GEK
Ethylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	5/13/2008 6:39:00 AM	GEK
Toluene	NELAP	4.3	J	1.4	µg/Kg-dry	1	5/13/2008 6:39:00 AM	GEK
Xylenes, Total	NELAP	4.3		ND	µg/Kg-dry	1	5/13/2008 6:39:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		117.9	%REC	1	5/13/2008 6:39:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		97.9	%REC	1	5/13/2008 6:39:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		109.2	%REC	1	5/13/2008 6:39:00 AM	GEK
Surr: Toluene-d8		80.1-122		96.1	%REC	1	5/13/2008 6:39:00 AM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.59		< 0.59	mg/Kg-dry	1	5/13/2008	AET

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-035
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-809 9.0-10.0 ft
Collection Date: 5/8/2008 9:58:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 9014A</u> Cyanide, Amenable to Chlorination		0.59		Interference	mg/Kg-dry	1	5/14/2008	AET
<u>SW-846 9045C</u> pH (1:1)	NELAP	1.00		7.22		1	5/13/2008 1:39:00 PM	KNL

Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-036
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-809 15.0-16.0 ft
Collection Date: 5/8/2008 10:15:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		13.3	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		86.7	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.50		4.69	mg/Kg-dry	1	5/14/2008 10:21:02 PM	LAL
Chromium	NELAP	1.00		15.3	mg/Kg-dry	1	5/14/2008 10:21:02 PM	LAL
Lead	NELAP	4.00		8.68	mg/Kg-dry	1	5/16/2008 11:22:52 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Naphthalene	NELAP	0.004	J	0.004	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:15:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		46.5	%REC	1	5/15/2008 1:15:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		47.9	%REC	1	5/15/2008 1:15:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		62.9	%REC	1	5/15/2008 1:15:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		1.8	µg/Kg-dry	1	5/13/2008 7:08:00 AM	GEK
Ethylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	5/13/2008 7:08:00 AM	GEK
Toluene	NELAP	4.5	J	2.9	µg/Kg-dry	1	5/13/2008 7:08:00 AM	GEK
Xylenes, Total	NELAP	4.5		ND	µg/Kg-dry	1	5/13/2008 7:08:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		122.8	%REC	1	5/13/2008 7:08:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		88.5	%REC	1	5/13/2008 7:08:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		115.0	%REC	1	5/13/2008 7:08:00 AM	GEK
Surr: Toluene-d8		80.1-122		107.5	%REC	1	5/13/2008 7:08:00 AM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.55		< 0.55	mg/Kg-dry	1	5/13/2008	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: 08050415

Client Sample ID: B-809 15.0-16.0 ft

Lab ID: 08050415-036

Collection Date: 5/8/2008 10:15:00 AM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.55		Interference	mg/Kg-dry	1	5/14/2008	AET

Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-037
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-847 29.0-30.0 ft
Collection Date: 5/7/2008 5:30:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		11.5	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		88.5	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Naphthalene	NELAP	0.004		0.012	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Phenanthrene	NELAP	0.004		0.006	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 1:52:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		26.1	%REC	1	5/15/2008 1:52:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		32.3	%REC	1	5/15/2008 1:52:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		61.5	%REC	1	5/15/2008 1:52:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.8		1.2	µg/Kg-dry	1	5/13/2008 7:37:00 AM	GEK
Ethylbenzene	NELAP	3.8		ND	µg/Kg-dry	1	5/13/2008 7:37:00 AM	GEK
Toluene	NELAP	3.8	J	1.8	µg/Kg-dry	1	5/13/2008 7:37:00 AM	GEK
Xylenes, Total	NELAP	3.8		ND	µg/Kg-dry	1	5/13/2008 7:37:00 AM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		121.1	%REC	1	5/13/2008 7:37:00 AM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		82.3	%REC	1	5/13/2008 7:37:00 AM	GEK
Surr: Dibromofluoromethane		66.6-130		115.5	%REC	1	5/13/2008 7:37:00 AM	GEK
Surr: Toluene-d8		80.1-122		113.1	%REC	1	5/13/2008 7:37:00 AM	GEK

Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

WorkOrder: 08050415

Lab ID: 08050415-038

Report Date: 16-May-08

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

Client Sample ID: B-850 8.0-9.0 ft

Collection Date: 5/8/2008 11:30:00 AM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		17.7	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		82.3	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.50	J	1.9	mg/Kg-dry	1	5/14/2008 10:27:52 PM	LAL
Chromium	NELAP	1.00		19.4	mg/Kg-dry	1	5/14/2008 10:27:52 PM	LAL
Lead	NELAP	8.00		14.4	mg/Kg-dry	2	5/16/2008 11:25:09 AM	CRK
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.165	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.026	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Anthracene	NELAP	0.004		0.010	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Fluorene	NELAP	0.004		0.033	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Naphthalene	NELAP	0.004		0.129	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Phenanthrene	NELAP	0.004		0.054	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 6:53:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		31.7	%REC	1	5/15/2008 6:53:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		39.1	%REC	1	5/15/2008 6:53:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		59.3	%REC	1	5/15/2008 6:53:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.2		20.9	µg/Kg-dry	1	5/13/2008 10:47:00 PM	GEK
Ethylbenzene	NELAP	6.1		30.3	µg/Kg-dry	1	5/13/2008 10:47:00 PM	GEK
Toluene	NELAP	6.1	J	6.0	µg/Kg-dry	1	5/13/2008 10:47:00 PM	GEK
Xylenes, Total	NELAP	6.1		58.4	µg/Kg-dry	1	5/13/2008 10:47:00 PM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		119.3	%REC	1	5/13/2008 10:47:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		87.5	%REC	1	5/13/2008 10:47:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130		106.9	%REC	1	5/13/2008 10:47:00 PM	GEK
Surr: Toluene-d8		80.1-122		100.1	%REC	1	5/13/2008 10:47:00 PM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.59	J	0.23	mg/Kg-dry	1	5/13/2008	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: 08050415

Client Sample ID: B-850 8.0-9.0 ft

Lab ID: 08050415-038

Collection Date: 5/8/2008 11:30:00 AM

Report Date: 16-May-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.59		Interference	mg/Kg-dry	1	5/14/2008	AET

Sample Narrative

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

WorkOrder: 08050415

Lab ID: 08050415-039

Report Date: 16-May-08

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

Client Sample ID: B-850 16.0-17.0 ft

Collection Date: 5/8/2008 12:05:00 PM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		9.1	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		90.9	%	1	5/12/2008	TWM
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.36		6.08	mg/Kg-dry	1	5/14/2008 10:34:42 PM	LAL
Chromium	NELAP	0.94		12.4	mg/Kg-dry	1	5/14/2008 10:34:42 PM	LAL
Lead	NELAP	3.77		6.67	mg/Kg-dry	1	5/16/2008 11:27:26 AM	CRK
<u>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</u>								
Diesel	NELAP	554	#	12500	mg/Kg-dry	100	5/15/2008 5:55:00 PM	DMH
Kerosene	NELAP	554		ND	mg/Kg-dry	100	5/15/2008 5:55:00 PM	DMH
Mineral Spirits	NELAP	554		ND	mg/Kg-dry	100	5/15/2008 5:55:00 PM	DMH
Motor Oil	NELAP	554	#	1660	mg/Kg-dry	100	5/15/2008 5:55:00 PM	DMH
Surr: n-Tetracontane	NELAP	50.6-140	S	0	%REC	100	5/15/2008 5:55:00 PM	DMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.745		65.1	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Acenaphthylene	NELAP	0.745		229	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Anthracene	NELAP	0.745		121	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Benzo(a)anthracene	NELAP	0.745		70.0	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Benzo(a)pyrene	NELAP	0.745		69.3	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.745		54.5	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.745		21.8	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.745		17.7	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Chrysene	NELAP	0.745		69.8	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.745		6.50	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Fluoranthene	NELAP	0.745		154	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Fluorene	NELAP	0.745		132	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.745		19.1	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Naphthalene	NELAP	3.73		920	mg/Kg-dry	500	5/15/2008 9:18:00 PM	TDN
Phenanthrene	NELAP	3.73		449	mg/Kg-dry	500	5/15/2008 9:18:00 PM	TDN
Pyrene	NELAP	0.745		212	mg/Kg-dry	100	5/15/2008 11:52:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		99.8	%REC	100	5/15/2008 11:52:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		39.9	%REC	100	5/15/2008 11:52:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		79.8	%REC	100	5/15/2008 11:52:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	2180		10700	µg/Kg-dry	1250	5/14/2008 12:30:00 PM	GEK
Ethylbenzene	NELAP	10900		227000	µg/Kg-dry	1250	5/14/2008 12:30:00 PM	GEK
Toluene	NELAP	10900		21500	µg/Kg-dry	1250	5/14/2008 12:30:00 PM	GEK
Xylenes, Total	NELAP	10900		258000	µg/Kg-dry	1250	5/14/2008 12:30:00 PM	GEK

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08050415
Lab ID: 08050415-039
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-850 16.0-17.0 ft
Collection Date: 5/8/2008 12:05:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Surr: 1,2-Dichloroethane-d4		61-128		102.7	%REC	1250	5/14/2008 12:30:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		98.8	%REC	1250	5/14/2008 12:30:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130		101.8	%REC	1250	5/14/2008 12:30:00 PM	GEK
Surr: Toluene-d8		80.1-122		96.3	%REC	1250	5/14/2008 12:30:00 PM	GEK
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.55		< 0.55	mg/Kg-dry	1	5/13/2008	AET
<u>SW-846 9014A</u>								
Cyanide, Amenable to Chlorination		0.55		Interference	mg/Kg-dry	1	5/14/2008	AET

Sample Narrative

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

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

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

Surrogate recovery was outside QC limits due to sample dilution.

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: 08050415
Lab ID: 08050415-040
Report Date: 16-May-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-850 25.0-26.0 ft
Collection Date: 5/8/2008 12:55:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		9.7	%	1	5/12/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		90.3	%	1	5/12/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.006	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.006	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004	J	0.003	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Chrysene	NELAP	0.004		0.004	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Fluoranthene	NELAP	0.004		0.007	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Fluorene	NELAP	0.004		0.004	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Naphthalene	NELAP	0.004		0.013	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Phenanthrene	NELAP	0.004		0.018	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Pyrene	NELAP	0.004		0.011	mg/Kg-dry	1	5/15/2008 7:29:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		27.1	%REC	1	5/15/2008 7:29:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		25.5	%REC	1	5/15/2008 7:29:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		60.5	%REC	1	5/15/2008 7:29:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.8		1.7	µg/Kg-dry	1	5/13/2008 6:57:00 PM	GEK
Ethylbenzene	NELAP	4.2	J	1.0	µg/Kg-dry	1	5/13/2008 6:57:00 PM	GEK
Toluene	NELAP	4.2	J	2.5	µg/Kg-dry	1	5/13/2008 6:57:00 PM	GEK
Xylenes, Total	NELAP	4.2	J	3.1	µg/Kg-dry	1	5/13/2008 6:57:00 PM	GEK
Surr: 1,2-Dichloroethane-d4		61-128		108.6	%REC	1	5/13/2008 6:57:00 PM	GEK
Surr: 4-Bromofluorobenzene		78.2-117		82.2	%REC	1	5/13/2008 6:57:00 PM	GEK
Surr: Dibromofluoromethane		66.6-130		106.2	%REC	1	5/13/2008 6:57:00 PM	GEK
Surr: Toluene-d8		80.1-122		114.2	%REC	1	5/13/2008 6:57:00 PM	GEK

Sample Narrative

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

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

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DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050415-001A	B-812 1.0-2.0 ft	5/5/2008	Solid	ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
08050415-001D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-002A	B-812 9.0-10.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
08050415-002D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-003A	B-812 11.0-12.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
08050415-003D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-004A	B-811 2.0-3.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-004D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/13/2008	5/13/2008
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/13/2008	5/13/2008
08050415-005A	B-811 9.0-10.0 ft			ASTM D2974		5/12/2008

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Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050415-005A	B-811 9.0-10.0 ft	5/5/2008	Solid	Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-005D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-006A	B-811 11.0-12.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-006D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-007A	B-843 2.0-3.0 ft	5/6/2008		ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008

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Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050415-007A	B-843 2.0-3.0 ft	5/6/2008	Solid	SW-846 9014A	5/13/2008	5/14/2008
08050415-007D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-008A	B-843 7.0-8.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-008D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-009A	B-843 10.0-11.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
08050415-009D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-010A	B-844 1.0-2.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008

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Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050415-010A	B-844 1.0-2.0 ft	5/6/2008	Solid	SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-010D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-011A	B-844 8.0-9.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-011D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-012A	B-844 15.0-16.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
08050415-012D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/14/2008	5/14/2008
08050415-013A	B-851 19.0-20.0 ft	5/9/2008		ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
08050415-013D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/12/2008
08050415-014A	B-852 2.0-3.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008

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Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050415-014A	B-852 2.0-3.0 ft	5/9/2008	Solid	SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-014D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-015A	B-852 9.0-10.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 9045C		5/13/2008
08050415-015D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-016A	B-852 23.0-24.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
08050415-016D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-017A	B-845 6.0-7.0 ft	5/6/2008		ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008

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Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050415-017A	B-845 6.0-7.0 ft	5/6/2008	Solid	SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-017D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-018A	B-845 13.0-14.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
08050415-018D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-019A	B-846 8.5-9.5 ft	5/7/2008		ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
08050415-019D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/14/2008	5/14/2008
08050415-020A	B-846 10.0-11.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
08050415-020D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/14/2008	5/14/2008
08050415-021A	B-846 20.0-21.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
08050415-021D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/13/2008	5/13/2008
08050415-022A	B-803 2.0-3.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008

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Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050415-022A	B-803 2.0-3.0 ft	5/7/2008	Solid	SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-022D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/13/2008	5/13/2008
08050415-023A	B-803 9.0-10.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-023D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/13/2008	5/13/2008
08050415-024A	B-803 21.0-22.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008

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Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050415-024A	B-803 21.0-22.0 ft	5/7/2008	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-024D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/14/2008	5/14/2008
08050415-025A	B-803 29.0-30.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
08050415-025D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-026A	B-849 0.0-1.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-026D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-027A	B-849 9.0-10.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008

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08050415-027A	B-849 9.0-10.0 ft	5/7/2008	Solid	SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-027D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-028A	B-849 16.0-17.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
			SW-846 9014A	5/13/2008	5/14/2008	
08050415-028D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/14/2008	5/14/2008
08050415-029A	B-848 2.0-3.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008

ENVIRONMENTAL TESTING LABORATORY

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

Client: Philip Environmental

DATES REPORT

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

Lab Order: 08050415

Report Date: 16-May-08

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050415-029D	B-848 2.0-3.0 ft	5/7/2008	Solid	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-030A	B-848 9.0-10.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
08050415-030D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-031A	B-848 13.0-14.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
08050415-031D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-032A	B-847 6.0-7.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/14/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
08050415-032D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-033A	B-847 22.0-23.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	5/12/2008	5/14/2008
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	5/14/2008	5/15/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
08050415-033D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/14/2008	5/14/2008
08050415-034A	B-809 2.0-3.0 ft	5/8/2008		ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008

ENVIRONMENTAL TESTING LABORATORY

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Project: A831-735002-012901-225/IP Champaign 62403053
Lab Order: 08050415
Report Date: 16-May-08

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050415-034A	B-809 2.0-3.0 ft	5/8/2008	Solid	SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
				SW-846 9045C		5/13/2008
08050415-034D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/13/2008	5/13/2008
08050415-035A	B-809 9.0-10.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
SW-846 9014A	5/13/2008	5/14/2008				

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Report Date: 16-May-08

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050415-035A	B-809 9.0-10.0 ft	5/8/2008	Solid	SW-846 9045C		5/13/2008
08050415-035D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-036A	B-809 15.0-16.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-036D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-037A	B-847 29.0-30.0 ft	5/7/2008		ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
08050415-037D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/12/2008	5/13/2008
08050415-038A	B-850 8.0-9.0 ft	5/8/2008		ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008

ENVIRONMENTAL TESTING LABORATORY

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DATES REPORT

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

Lab Order: 08050415

Report Date: 16-May-08

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050415-038A	B-850 8.0-9.0 ft	5/8/2008	Solid	SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-038D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/13/2008	5/13/2008
08050415-039A	B-850 16.0-17.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/14/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/15/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3050B, 6010B, Metals by ICP	5/13/2008	5/16/2008
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	5/12/2008	5/14/2008
				SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID	5/14/2008	5/15/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
				SW-846 9010B, 9014	5/12/2008	5/13/2008
				SW-846 9014A	5/13/2008	5/14/2008
08050415-039D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/14/2008	5/14/2008
08050415-040A	B-850 25.0-26.0 ft			ASTM D2974		5/12/2008
				Standard Methods 18th Ed. 2540 G		5/12/2008

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Client: Philip Environmental

DATES REPORT

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

Lab Order: 08050415

Report Date: 16-May-08

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08050415-040A	B-850 25.0-26.0 ft	5/8/2008	Solid	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	5/12/2008	5/15/2008
08050415-040D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	5/13/2008	5/13/2008

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

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

Lab Order: 08050415

Report Date: 16-May-08

ANALYTICAL QC SUMMARY REPORT

TestCode: I_ACN_S_MT

Sample ID: MB-R108131	SampType: MBLK	Units: mg/Kg	Prep Date: 5/13/2008	RunNo: 108131							
Client ID: ZZZZZZ	Batch ID: 44827	SOP2092	Analysis Date: 5/14/2008	SeqNo: 1947206							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Amenable to Chlorination	< 0.01	0.01									

Sample ID: LCS-R108131	SampType: LCS	Units: mg/Kg	Prep Date: 5/13/2008	RunNo: 108131							
Client ID: ZZZZZZ	Batch ID: 44827	SOP2092	Analysis Date: 5/14/2008	SeqNo: 1947207							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Amenable to Chlorination	0.20	0.01	0.2000	0	100.8	85	115				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: I_TCN_S_MT

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: MB-R108067	SampType: MBLK	Units: mg/Kg	Prep Date: 5/12/2008	RunNo: 108067							
Client ID: ZZZZZZ	Batch ID: 44810	SW9010	Analysis Date: 5/13/2008	SeqNo: 1945237							
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-R108067	SampType: LCS	Units: mg/Kg	Prep Date: 5/12/2008	RunNo: 108067							
Client ID: ZZZZZZ	Batch ID: 44810	SW9010	Analysis Date: 5/13/2008	SeqNo: 1945238							
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	100.8	85	115				
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Sample ID: LCSD-R108067	SampType: LCSD	Units: mg/Kg	Prep Date: 5/12/2008	RunNo: 108067							
Client ID: ZZZZZZ	Batch ID: 44810	SW9010	Analysis Date: 5/13/2008	SeqNo: 1945239							
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	93.2	85	115	0.2016	7.85	15	
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Sample ID: 08050415-005AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 5/12/2008	RunNo: 108067							
Client ID: B-811 9.0-10.0 ftMS	Batch ID: 44810	SW9010	Analysis Date: 5/13/2008	SeqNo: 1945242							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	5.97	0.62	6.205	0.2479	92.2	80	120				
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Sample ID: 08050415-005AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 5/12/2008	RunNo: 108067							
Client ID: B-811 9.0-10.0 ftMS	Batch ID: 44810	SW9010	Analysis Date: 5/13/2008	SeqNo: 1945243							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	6.23	0.62	6.198	0.2479	96.5	80	120	5.971	4.27	20	
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Sample ID: MB-R108067	SampType: MBLK	Units: mg/Kg	Prep Date: 5/12/2008	RunNo: 108067							
Client ID: ZZZZZZ	Batch ID: 44826	SW9010	Analysis Date: 5/13/2008	SeqNo: 1945262							
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 62403053

TestCode: I_TCN_S_MT

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: MB-R108067	SampType: MBLK	Units: mg/Kg	Prep Date: 5/12/2008	RunNo: 108067							
Client ID: ZZZZZZ	Batch ID: 44826	SW9010	Analysis Date: 5/13/2008	SeqNo: 1945262							
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-R108067	SampType: LCS	Units: mg/Kg	Prep Date: 5/12/2008	RunNo: 108067							
Client ID: ZZZZZZ	Batch ID: 44826	SW9010	Analysis Date: 5/13/2008	SeqNo: 1945263							
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 94.1 85 115

Sample ID: LCSD-R108067	SampType: LCSD	Units: mg/Kg	Prep Date: 5/12/2008	RunNo: 108067							
Client ID: ZZZZZZ	Batch ID: 44826	SW9010	Analysis Date: 5/13/2008	SeqNo: 1945264							
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 99.7 85 115 0.1881 5.84 15

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: I_TS_M_MT

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: LCS-R108052	SampType: LCS	Units: %	Prep Date:	RunNo: 108052							
Client ID: ZZZZZZ	Batch ID: R108052		Analysis Date: 5/12/2008	SeqNo: 1944672							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	1.0	0.1	1.000	0	99.0	90	110				

Sample ID: LCSQC	SampType: LCSQC	Units: %	Prep Date:	RunNo: 108052							
Client ID: ZZZZZZ	Batch ID: R108052		Analysis Date: 5/12/2008	SeqNo: 1944673							
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: 08050415-004ADUP	SampType: DUP	Units: %	Prep Date:	RunNo: 108052							
Client ID: B-811 2.0-3.0 ftDUP	Batch ID: R108052		Analysis Date: 5/12/2008	SeqNo: 1944689							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	79.2	0.1						78.94	0.341	15	

Sample ID: 08050415-022ADUP	SampType: DUP	Units: %	Prep Date:	RunNo: 108052							
Client ID: B-803 2.0-3.0 ftDUP	Batch ID: R108052		Analysis Date: 5/12/2008	SeqNo: 1944708							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	80.2	0.1						80.07	0.150	15	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: L_PH_S_M

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: 08050415-015ADUP	SampType: DUP	Units:	Prep Date:	RunNo: 108062							
Client ID: B-852 9.0-10.0 ftDUP	Batch ID: R108062		Analysis Date: 5/13/2008	SeqNo: 1945105							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH (1:1)	8.18	1.00						8.150	0.367	10	

Sample ID: LCS-R108062	SampType: LCS	Units:	Prep Date:	RunNo: 108062							
Client ID: ZZZZZZ	Batch ID: R108062		Analysis Date: 5/13/2008	SeqNo: 1945128							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH (1:1)	7.00	1.00	7.000	0	100	99.1	100.9				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: M_SOLIDS_ICP

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: MB-44809	SampType: MBLK	Units: mg/Kg-dry				Prep Date: 5/13/2008	RunNo: 108118				
Client ID: ZZZZZZ	Batch ID: 44809	SOP 3032				Analysis Date: 5/14/2008	SeqNo: 1947268				
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-44809	SampType: LCS	Units: mg/Kg-dry				Prep Date: 5/13/2008	RunNo: 108118				
Client ID: ZZZZZZ	Batch ID: 44809	SOP 3032				Analysis Date: 5/14/2008	SeqNo: 1947271				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	196	2.50	200.0	0	97.8	85	115				
Chromium	19.5	1.00	20.00	0	97.6	85	115				

Sample ID: 08050415-006AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 5/13/2008	RunNo: 108118				
Client ID: B-811 11.0-12.0 ftMS	Batch ID: 44809	SOP 3032				Analysis Date: 5/14/2008	SeqNo: 1947276				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	176	2.40	192.3	6.433	88.1	75	125				
Chromium	31.2	0.96	19.23	14.38	87.7	75	125				

Sample ID: 08050415-006AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 5/13/2008	RunNo: 108118				
Client ID: B-811 11.0-12.0 ftMS	Batch ID: 44809	SOP 3032				Analysis Date: 5/14/2008	SeqNo: 1947277				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	177	2.40	192.3	6.433	88.9	75	125	175.8	0.871	20	
Chromium	30.4	0.96	19.23	14.38	83.4	75	125	31.25	2.71	20	

Sample ID: 08050415-014AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 5/13/2008	RunNo: 108118				
Client ID: B-852 2.0-3.0 ftMS	Batch ID: 44809	SOP 3032				Analysis Date: 5/14/2008	SeqNo: 1947285				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	177	2.40	192.3	4.615	89.8	75	125				
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Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: M_SOLIDS_ICP

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: 08050415-014AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 5/13/2008	RunNo: 108118							
Client ID: B-852 2.0-3.0 ftMS	Batch ID: 44809	SOP 3032	Analysis Date: 5/14/2008	SeqNo: 1947285							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	40.6	0.96	19.23	23.50	89.2	75	125				

Sample ID: 08050415-014MSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 5/13/2008	RunNo: 108118							
Client ID: B-852 2.0-3.0 ftMSD	Batch ID: 44809	SOP 3032	Analysis Date: 5/14/2008	SeqNo: 1947286							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	179	2.40	192.3	4.615	90.7	75	125	177.3	0.971	20	
Chromium	41.6	0.96	19.23	23.50	94.2	75	125	40.64	2.36	20	

Sample ID: MB-44809	SampType: MBLK	Units: mg/Kg-dry	Prep Date: 5/13/2008	RunNo: 108133							
Client ID: ZZZZZZ	Batch ID: 44809	SOP 3032	Analysis Date: 5/15/2008	SeqNo: 1949076							
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-44809	SampType: LCS	Units: mg/Kg-dry	Prep Date: 5/13/2008	RunNo: 108133							
Client ID: ZZZZZZ	Batch ID: 44809	SOP 3032	Analysis Date: 5/15/2008	SeqNo: 1949077							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	52.7	4.00	50.00	0	105.3	85	115				

Sample ID: 08050415-006AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 5/13/2008	RunNo: 108133							
Client ID: B-811 11.0-12.0 ftMS	Batch ID: 44809	SOP 3032	Analysis Date: 5/15/2008	SeqNo: 1949084							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	50.6	3.85	48.08	10.14	84.1	75	125				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: M_SOLIDS_ICP

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: 08050415-006AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 5/13/2008	RunNo: 108133							
Client ID: B-811 11.0-12.0 ftMS	Batch ID: 44809	SOP 3032	Analysis Date: 5/15/2008	SeqNo: 1949085							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	49.7	3.85	48.08	10.14	82.3	75	125	50.56	1.71	20	

Sample ID: 08050415-014AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 5/13/2008	RunNo: 108207							
Client ID: B-852 2.0-3.0 ftMS	Batch ID: 44809	SOP 3032	Analysis Date: 5/16/2008	SeqNo: 1949511							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	99.8	3.85	48.08	51.90	99.6	75	125				

Sample ID: 08050415-014AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 5/13/2008	RunNo: 108207							
Client ID: B-852 2.0-3.0 ftMSD	Batch ID: 44809	SOP 3032	Analysis Date: 5/16/2008	SeqNo: 1949512							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	94.3	3.85	48.08	51.90	88.1	75	125	99.81	5.71	20	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: MB-44799		SampType: MBLK		Units: mg/Kg		Prep Date: 5/12/2008		RunNo: 108117			
Client ID: ZZZZZZ		Batch ID: 44799		SW3550B		Analysis Date: 5/14/2008		SeqNo: 1946847			
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	0.120		0.1670		72.1	17.5	123				
Surr: Nitrobenzene-d5	0.112		0.1670		67.3	35	105				
Surr: p-Terphenyl-d14	0.137		0.1670		81.8	53.6	122				

Sample ID: LCS-44799		SampType: LCS		Units: mg/Kg		Prep Date: 5/12/2008		RunNo: 108117			
Client ID: ZZZZZZ		Batch ID: 44799		SW3550B		Analysis Date: 5/14/2008		SeqNo: 1946848			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.103	0.003	0.1670	0	61.6	56.3	115				
Acenaphthylene	0.137	0.003	0.1670	0	81.8	60.3	143				
Anthracene	0.099	0.003	0.1670	0	59.0	52.1	109				
Benzo(a)anthracene	0.100	0.003	0.1670	0	59.8	52.8	112				
Benzo(a)pyrene	0.105	0.003	0.1670	0	63.0	40.8	127				
Benzo(b)fluoranthene	0.118	0.003	0.1670	0	70.8	50.1	150				
Benzo(g,h,i)perylene	0.118	0.003	0.1670	0	70.5	52.8	145				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: LCS-44799		SampType: LCS		Units: mg/Kg		Prep Date: 5/12/2008			RunNo: 108117		
Client ID: ZZZZZZ		Batch ID: 44799		SW3550B		Analysis Date: 5/14/2008			SeqNo: 1946848		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(k)fluoranthene	0.115	0.003	0.1670	0	68.7	52	153				
Chrysene	0.110	0.003	0.1670	0	65.8	60.8	128				
Dibenzo(a,h)anthracene	0.118	0.003	0.1670	0	70.6	54.9	150				
Fluoranthene	0.105	0.003	0.1670	0	62.7	58.7	125				
Fluorene	0.109	0.003	0.1670	0	65.4	57.8	125				
Indeno(1,2,3-cd)pyrene	0.116	0.003	0.1670	0	69.2	52	147				
Naphthalene	0.093	0.003	0.1670	0	55.6	54.8	113				
Phenanthrene	0.109	0.003	0.1670	0	65.2	60.4	121				
Pyrene	0.109	0.003	0.1670	0	65.1	57.9	129				
Surr: 2-Fluorobiphenyl	0.109		0.1670		65.5	35.3	113				
Surr: Nitrobenzene-d5	0.100		0.1670		59.7	33.9	108				
Surr: p-Terphenyl-d14	0.111		0.1670		66.5	58.4	122				

Sample ID: 08050415-002AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 5/12/2008			RunNo: 108117		
Client ID: B-812 9.0-10.0 ftMS		Batch ID: 44799		SW3550B		Analysis Date: 5/14/2008			SeqNo: 1946862		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.116	0.004	0.1863	0	62.3	36	135				
Acenaphthylene	0.150	0.004	0.1863	0	80.5	17.2	167				
Anthracene	0.111	0.004	0.1863	0	59.6	39.3	124				
Benzo(a)anthracene	0.116	0.004	0.1863	0	62.5	10	183				
Benzo(a)pyrene	0.129	0.004	0.1863	0	69.3	10	204				
Benzo(b)fluoranthene	0.132	0.004	0.1863	0	71.0	10.6	178				
Benzo(g,h,i)perylene	0.130	0.004	0.1863	0	69.5	10	168				
Benzo(k)fluoranthene	0.130	0.004	0.1863	0	69.7	27.6	181				
Chrysene	0.126	0.004	0.1863	0	67.6	10	176				
Dibenzo(a,h)anthracene	0.136	0.004	0.1863	0	72.9	12.2	156				
Fluoranthene	0.121	0.004	0.1863	0	64.7	10	227				
Fluorene	0.119	0.004	0.1863	0	64.1	35.2	148				
Indeno(1,2,3-cd)pyrene	0.133	0.004	0.1863	0	71.2	10	164				
Naphthalene	0.099	0.004	0.1863	0	53.4	14.7	128				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: 08050415-002AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 5/12/2008	RunNo: 108117							
Client ID: B-812 9.0-10.0 ftMS	Batch ID: 44799	SW3550B	Analysis Date: 5/14/2008	SeqNo: 1946862							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	0.121	0.004	0.1863	0	64.7	32.8	143				
Pyrene	0.122	0.004	0.1863	0	65.7	10	180				
Surr: 2-Fluorobiphenyl	0.124		0.1863		66.5	10	131				
Surr: Nitrobenzene-d5	0.116		0.1863		62.5	10	132				
Surr: p-Terphenyl-d14	0.131		0.1863		70.3	30.6	131				

Sample ID: 08050415-002AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 5/12/2008	RunNo: 108117							
Client ID: B-812 9.0-10.0 ftMS	Batch ID: 44799	SW3550B	Analysis Date: 5/14/2008	SeqNo: 1946863							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.118	0.004	0.1879	0	62.8	36	135	0.1161	1.71	49.7	
Acenaphthylene	0.146	0.004	0.1879	0	77.5	17.2	167	0.1499	2.91	33.3	
Anthracene	0.110	0.004	0.1879	0	58.3	39.3	124	0.1110	1.25	51.1	
Benzo(a)anthracene	0.117	0.004	0.1879	0	62.2	10	183	0.1163	0.464	40.6	
Benzo(a)pyrene	0.122	0.004	0.1879	0	65.1	10	204	0.1291	5.36	56.4	
Benzo(b)fluoranthene	0.130	0.004	0.1879	0	69.2	10.6	178	0.1323	1.68	49.7	
Benzo(g,h,i)perylene	0.131	0.004	0.1879	0	69.8	10	168	0.1295	1.25	36.5	
Benzo(k)fluoranthene	0.130	0.004	0.1879	0	69.3	27.6	181	0.1298	0.305	42.6	
Chrysene	0.129	0.004	0.1879	0	68.9	10	176	0.1260	2.72	45.1	
Dibenzo(a,h)anthracene	0.134	0.004	0.1879	0	71.5	12.2	156	0.1358	1.03	39.9	
Fluoranthene	0.122	0.004	0.1879	0	64.8	10	227	0.1205	1.03	66.2	
Fluorene	0.121	0.004	0.1879	0	64.4	35.2	148	0.1195	1.22	65.6	
Indeno(1,2,3-cd)pyrene	0.131	0.004	0.1879	0	69.6	10	164	0.1326	1.45	36.5	
Naphthalene	0.100	0.004	0.1879	0	53.0	14.7	128	0.09943	0.129	39.6	
Phenanthrene	0.119	0.004	0.1879	0	63.5	32.8	143	0.1205	0.957	35.4	
Pyrene	0.122	0.004	0.1879	0	65.1	10	180	0.1224	0.0969	60.1	
Surr: 2-Fluorobiphenyl	0.114		0.1879		60.9	10	131		0	40	
Surr: Nitrobenzene-d5	0.108		0.1879		57.7	10	132		0	40	
Surr: p-Terphenyl-d14	0.121		0.1879		64.5	30.6	131		0	40	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: MB-44801	SampType: MBLK	Units: mg/Kg	Prep Date: 5/12/2008	RunNo: 108147							
Client ID: ZZZZZZ	Batch ID: 44801	SW3550B	Analysis Date: 5/14/2008	SeqNo: 1947688							
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	0.104		0.1670		62.3	17.5	123				
Surr: Nitrobenzene-d5	0.097		0.1670		57.9	35	105				
Surr: p-Terphenyl-d14	0.121		0.1670		72.7	53.6	122				

Sample ID: LCS-44801	SampType: LCS	Units: mg/Kg	Prep Date: 5/12/2008	RunNo: 108147							
Client ID: ZZZZZZ	Batch ID: 44801	SW3550B	Analysis Date: 5/14/2008	SeqNo: 1947689							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.100	0.003	0.1670	0	59.8	56.3	115				
Acenaphthylene	0.128	0.003	0.1670	0	76.4	60.3	143				
Anthracene	0.103	0.003	0.1670	0	61.6	52.1	109				
Benzo(a)anthracene	0.097	0.003	0.1670	0	58.2	52.8	112				
Benzo(a)pyrene	0.106	0.003	0.1670	0	63.7	40.8	127				
Benzo(b)fluoranthene	0.112	0.003	0.1670	0	67.0	50.1	150				
Benzo(g,h,i)perylene	0.109	0.003	0.1670	0	65.2	52.8	145				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: LCS-44801		SampType: LCS		Units: mg/Kg		Prep Date: 5/12/2008		RunNo: 108147			
Client ID: ZZZZZZ		Batch ID: 44801		SW3550B		Analysis Date: 5/14/2008		SeqNo: 1947689			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(k)fluoranthene	0.110	0.003	0.1670	0	65.8	52	153				
Chrysene	0.109	0.003	0.1670	0	65.2	60.8	128				
Dibenzo(a,h)anthracene	0.111	0.003	0.1670	0	66.2	54.9	150				
Fluoranthene	0.103	0.003	0.1670	0	61.5	58.7	125				
Fluorene	0.106	0.003	0.1670	0	63.5	57.8	125				
Indeno(1,2,3-cd)pyrene	0.107	0.003	0.1670	0	64.3	52	147				
Naphthalene	0.090	0.003	0.1670	0	54.1	54.8	113				S
Phenanthrene	0.103	0.003	0.1670	0	61.4	60.4	121				
Pyrene	0.106	0.003	0.1670	0	63.4	57.9	129				
Surr: 2-Fluorobiphenyl	0.096		0.1670		57.7	35.3	113				
Surr: Nitrobenzene-d5	0.087		0.1670		51.9	33.9	108				
Surr: p-Terphenyl-d14	0.109		0.1670		65.5	58.4	122				

Sample ID: 08050415-021AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 5/12/2008		RunNo: 108147			
Client ID: B-846 20.0-21.0 ftMS		Batch ID: 44801		SW3550B		Analysis Date: 5/14/2008		SeqNo: 1947696			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.107	0.004	0.1841	0.003893	56.1	36	135				
Acenaphthylene	0.134	0.004	0.1841	0	73.0	17.2	167				
Anthracene	0.117	0.004	0.1841	0	63.6	39.3	124				
Benzo(a)anthracene	0.113	0.004	0.1841	0	61.5	10	183				
Benzo(a)pyrene	0.122	0.004	0.1841	0	66.3	10	204				
Benzo(b)fluoranthene	0.128	0.004	0.1841	0	69.5	10.6	178				
Benzo(g,h,i)perylene	0.124	0.004	0.1841	0	67.3	10	168				
Benzo(k)fluoranthene	0.120	0.004	0.1841	0	65.3	27.6	181				
Chrysene	0.122	0.004	0.1841	0	66.4	10	176				
Dibenzo(a,h)anthracene	0.123	0.004	0.1841	0	66.9	12.2	156				
Fluoranthene	0.122	0.004	0.1841	0	66.3	10	227				
Fluorene	0.110	0.004	0.1841	0	59.9	35.2	148				
Indeno(1,2,3-cd)pyrene	0.122	0.004	0.1841	0	66.2	10	164				
Naphthalene	0.097	0.004	0.1841	0.01291	45.4	14.7	128				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: 08050415-021AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 5/12/2008	RunNo: 108147							
Client ID: B-846 20.0-21.0 ftMS	Batch ID: 44801	SW3550B	Analysis Date: 5/14/2008	SeqNo: 1947696							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	0.124	0.004	0.1841	0.008913	62.5	32.8	143				
Pyrene	0.124	0.004	0.1841	0.004766	64.9	10	180				
Surr: 2-Fluorobiphenyl	0.104		0.1841		56.3	10	131				
Surr: Nitrobenzene-d5	0.108		0.1841		58.7	10	132				
Surr: p-Terphenyl-d14	0.118		0.1841		63.9	30.6	131				

Sample ID: 08050415-021AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 5/12/2008	RunNo: 108147							
Client ID: B-846 20.0-21.0 ftMS	Batch ID: 44801	SW3550B	Analysis Date: 5/14/2008	SeqNo: 1947697							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.107	0.004	0.1794	0.003893	57.6	36	135	0.1072	0.0509	49.7	
Acenaphthylene	0.137	0.004	0.1794	0	76.5	17.2	167	0.1343	2.19	33.3	
Anthracene	0.106	0.004	0.1794	0	59.2	39.3	124	0.1171	9.80	51.1	
Benzo(a)anthracene	0.105	0.004	0.1794	0	58.3	10	183	0.1132	7.88	40.6	
Benzo(a)pyrene	0.112	0.004	0.1794	0	62.3	10	204	0.1221	8.82	56.4	
Benzo(b)fluoranthene	0.117	0.004	0.1794	0	65.3	10.6	178	0.1280	8.81	49.7	
Benzo(g,h,i)perylene	0.113	0.004	0.1794	0	63.0	10	168	0.1240	9.20	36.5	
Benzo(k)fluoranthene	0.116	0.004	0.1794	0	64.4	27.6	181	0.1202	3.94	42.6	
Chrysene	0.117	0.004	0.1794	0	65.0	10	176	0.1222	4.69	45.1	
Dibenzo(a,h)anthracene	0.117	0.004	0.1794	0	65.5	12.2	156	0.1232	4.76	39.9	
Fluoranthene	0.111	0.004	0.1794	0	62.1	10	227	0.1220	9.09	66.2	
Fluorene	0.112	0.004	0.1794	0	62.3	35.2	148	0.1102	1.40	65.6	
Indeno(1,2,3-cd)pyrene	0.114	0.004	0.1794	0	63.4	10	164	0.1220	7.06	36.5	
Naphthalene	0.096	0.004	0.1794	0.01291	46.4	14.7	128	0.09652	0.325	39.6	
Phenanthrene	0.117	0.004	0.1794	0.008913	60.3	32.8	143	0.1240	5.78	35.4	
Pyrene	0.116	0.004	0.1794	0.004766	62.0	10	180	0.1242	6.85	60.1	
Surr: 2-Fluorobiphenyl	0.112		0.1794		62.7	10	131		0	40	
Surr: Nitrobenzene-d5	0.110		0.1794		61.5	10	132		0	40	
Surr: p-Terphenyl-d14	0.122		0.1794		68.3	30.6	131		0	40	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_OA2_S

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: LCS-44861	SampType: LCS	Units: mg/Kg	Prep Date: 5/14/2008	RunNo: 108200							
Client ID: ZZZZZZ	Batch ID: 44861	SW3550B	Analysis Date: 5/15/2008	SeqNo: 1948905							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	19.3	5.00	16.70	0	115.4	45.8	131				
Surr: n-Tetracontane	0.60		0.6700		89.0	58	130				

Sample ID: MB-44861	SampType: MBLK	Units: mg/Kg	Prep Date: 5/14/2008	RunNo: 108200							
Client ID: ZZZZZZ	Batch ID: 44861	SW3550B	Analysis Date: 5/15/2008	SeqNo: 1948906							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	5.00									
Kerosene	ND	5.00									
Mineral Spirits	ND	5.00									
Motor Oil	ND	5.00									
Surr: n-Tetracontane	0.63		0.6700		94.3	59.5	122				

Sample ID: 08050415-033AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 5/14/2008	RunNo: 108200							
Client ID: B-847 22.0-23.0 ftMS	Batch ID: 44861	SW3550B	Analysis Date: 5/15/2008	SeqNo: 1948908							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	656	144	19.25	562.1	487.0	20.3	167				S#
Surr: n-Tetracontane	0.40		0.7724		52.0	53.9	153				S

Sample ID: 08050415-033AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 5/14/2008	RunNo: 108200							
Client ID: B-847 22.0-23.0 ftMS	Batch ID: 44861	SW3550B	Analysis Date: 5/15/2008	SeqNo: 1948909							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	976	142	18.98	562.1	2181	20.3	167	655.9	39.2	34	SR#
Surr: n-Tetracontane	0.79		0.7614		104.0	53.9	153		0	0	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: V_BTEX_S

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: LCS-G080512-2	SampType: LCS	Units: µg/Kg	Prep Date: 5/12/2008	RunNo: 108042							
Client ID: ZZZZZZ	Batch ID: 44816	SW5035	Analysis Date: 5/12/2008	SeqNo: 1944539							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	51.4	1.0	50.00	0	102.8	75	123				
Toluene	50.2	5.0	50.00	0	100.3	77.3	117				
Ethylbenzene	46.8	5.0	50.00	0	93.5	80.8	118				
Xylenes, Total	92.8	5.0	100.0	0	92.8	78.5	121				
Surr: 1,2-Dichloroethane-d4	40.9		50.00		81.8	61	128				
Surr: 4-Bromofluorobenzene	50.6		50.00		101.3	78.2	117				
Surr: Dibromofluoromethane	49.5		50.00		99.0	66.6	130				
Surr: Toluene-d8	49.4		50.00		98.9	80.1	122				

Sample ID: LCSD-G080512-2	SampType: LCSD	Units: µg/Kg	Prep Date: 5/12/2008	RunNo: 108042							
Client ID: ZZZZZZ	Batch ID: 44816	SW5035	Analysis Date: 5/13/2008	SeqNo: 1944540							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	50.6	1.0	50.00	0	101.3	75	123	51.42	1.53	20	
Toluene	49.3	5.0	50.00	0	98.6	77.3	117	50.16	1.69	20	
Ethylbenzene	46.4	5.0	50.00	0	92.8	80.8	118	46.75	0.708	20	
Xylenes, Total	91.2	5.0	100.0	0	91.2	78.5	121	92.81	1.76	20	
Surr: 1,2-Dichloroethane-d4	39.7		50.00		79.3	61	128		0	0	
Surr: 4-Bromofluorobenzene	50.4		50.00		100.9	78.2	117		0	0	
Surr: Dibromofluoromethane	49.1		50.00		98.2	66.6	130		0	0	
Surr: Toluene-d8	48.8		50.00		97.6	80.1	122		0	0	

Sample ID: MBLK-G080512-2	SampType: MBLK	Units: µg/Kg	Prep Date: 5/12/2008	RunNo: 108042							
Client ID: ZZZZZZ	Batch ID: 44816	SW5035	Analysis Date: 5/13/2008	SeqNo: 1944542							
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 62403053

TestCode: V_BTEX_S

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: MBLK-G080512-2	SampType: MBLK	Units: µg/Kg	Prep Date: 5/12/2008	RunNo: 108042							
Client ID: ZZZZZZ	Batch ID: 44818	SW5035	Analysis Date: 5/13/2008	SeqNo: 1944542							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	40.0		50.00		80.0	61	128				
Surr: 4-Bromofluorobenzene	51.1		50.00		102.1	78.2	117				
Surr: Dibromofluoromethane	48.5		50.00		97.0	66.6	130				
Surr: Toluene-d8	49.1		50.00		98.2	80.1	122				

Sample ID: LCS-F080512-2	SampType: LCS	Units: µg/Kg	Prep Date: 5/12/2008	RunNo: 108043							
Client ID: ZZZZZZ	Batch ID: 44818	SW5035	Analysis Date: 5/12/2008	SeqNo: 1944551							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	49.4	1.0	50.00	0	98.9	75	123				
Toluene	48.5	5.0	50.00	0	97.0	77.3	117				
Ethylbenzene	51.5	5.0	50.00	0	103.0	80.8	118				
Xylenes, Total	106	5.0	100.0	0	106.0	78.5	121				
Surr: 1,2-Dichloroethane-d4	48.3		50.00		96.6	61	128				
Surr: 4-Bromofluorobenzene	49.3		50.00		98.5	78.2	117				
Surr: Dibromofluoromethane	49.5		50.00		99.0	66.6	130				
Surr: Toluene-d8	48.9		50.00		97.8	80.1	122				

Sample ID: LCSD-F080512-2	SampType: LCSD	Units: µg/Kg	Prep Date: 5/12/2008	RunNo: 108043							
Client ID: ZZZZZZ	Batch ID: 44818	SW5035	Analysis Date: 5/12/2008	SeqNo: 1944552							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	50.6	1.0	50.00	0	101.2	75	123	49.44	2.36	20	
Toluene	49.3	5.0	50.00	0	98.7	77.3	117	48.52	1.68	20	
Ethylbenzene	52.4	5.0	50.00	0	104.8	80.8	118	51.51	1.71	20	
Xylenes, Total	109	5.0	100.0	0	108.7	78.5	121	106.0	2.45	20	
Surr: 1,2-Dichloroethane-d4	49.2		50.00		98.4	61	128		0	0	
Surr: 4-Bromofluorobenzene	49.4		50.00		98.8	78.2	117		0	0	
Surr: Dibromofluoromethane	49.8		50.00		99.5	66.6	130		0	0	
Surr: Toluene-d8	48.6		50.00		97.3	80.1	122		0	0	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: V_BTEX_S

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: MBLK-F080512-2	SampType: MBLK	Units: µg/Kg	Prep Date: 5/12/2008	RunNo: 108043							
Client ID: ZZZZZZ	Batch ID: 44818	SW5035	Analysis Date: 5/12/2008	SeqNo: 1944554							
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	51.4		50.00		102.7	61	128				
Surr: 4-Bromofluorobenzene	48.6		50.00		97.2	78.2	117				
Surr: Dibromofluoromethane	51.3		50.00		102.6	66.6	130				
Surr: Toluene-d8	48.4		50.00		96.8	80.1	122				

Sample ID: LCS-F080513-1	SampType: LCS	Units: µg/Kg	Prep Date: 5/13/2008	RunNo: 108092							
Client ID: ZZZZZZ	Batch ID: 44849	SW5035	Analysis Date: 5/13/2008	SeqNo: 1946113							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	48.8	1.0	50.00	0	97.7	75	123				
Toluene	48.1	5.0	50.00	0	96.3	77.3	117				
Ethylbenzene	51.9	5.0	50.00	0	103.8	80.8	118				
Xylenes, Total	107	5.0	100.0	0	106.6	78.5	121				
Surr: 1,2-Dichloroethane-d4	49.2		50.00		98.4	61	128				
Surr: 4-Bromofluorobenzene	48.9		50.00		97.8	78.2	117				
Surr: Dibromofluoromethane	50.4		50.00		100.8	66.6	130				
Surr: Toluene-d8	48.9		50.00		97.9	80.1	122				

Sample ID: LCSD-F080513-1	SampType: LCSD	Units: µg/Kg	Prep Date: 5/13/2008	RunNo: 108092							
Client ID: ZZZZZZ	Batch ID: 44849	SW5035	Analysis Date: 5/13/2008	SeqNo: 1946114							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	46.0	1.0	50.00	0	92.0	75	123	48.83	5.95	20	
Toluene	44.8	5.0	50.00	0	89.7	77.3	117	48.13	7.10	20	
Ethylbenzene	48.4	5.0	50.00	0	96.9	80.8	118	51.89	6.90	20	
Xylenes, Total	98.7	5.0	100.0	0	98.7	78.5	121	106.6	7.73	20	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: V_BTEX_S

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: LCS-D-F080513-1	SampType: LCS-D	Units: µg/Kg	Prep Date: 5/13/2008	RunNo: 108092							
Client ID: ZZZZZZ	Batch ID: 44849	SW5035	Analysis Date: 5/13/2008	SeqNo: 1946114							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	51.2		50.00		102.5	61	128		0	0	
Surr: 4-Bromofluorobenzene	49.1		50.00		98.2	78.2	117		0	0	
Surr: Dibromofluoromethane	50.5		50.00		100.9	66.6	130		0	0	
Surr: Toluene-d8	48.4		50.00		96.9	80.1	122		0	0	

Sample ID: MBLK-F080513-1	SampType: MBLK	Units: µg/Kg	Prep Date: 5/13/2008	RunNo: 108092							
Client ID: ZZZZZZ	Batch ID: 44849	SW5035	Analysis Date: 5/13/2008	SeqNo: 1946115							
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	50.1		50.00		100.2	61	128				
Surr: 4-Bromofluorobenzene	49.2		50.00		98.3	78.2	117				
Surr: Dibromofluoromethane	50.6		50.00		101.2	66.6	130				
Surr: Toluene-d8	48.9		50.00		97.8	80.1	122				

Sample ID: LCS-F080514-1	SampType: LCS	Units: µg/Kg	Prep Date: 5/14/2008	RunNo: 108135							
Client ID: ZZZZZZ	Batch ID: 44866	SW5035	Analysis Date: 5/14/2008	SeqNo: 1947428							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	45.9	1.0	50.00	0	91.8	75	123				
Toluene	45.4	5.0	50.00	0	90.7	77.3	117				
Ethylbenzene	49.4	5.0	50.00	0	98.9	80.8	118				
Xylenes, Total	101	5.0	100.0	0	101.0	78.5	121				
Surr: 1,2-Dichloroethane-d4	54.1		50.00		108.1	61	128				
Surr: 4-Bromofluorobenzene	50.2		50.00		100.3	78.2	117				
Surr: Dibromofluoromethane	52.6		50.00		105.1	66.6	130				
Surr: Toluene-d8	48.2		50.00		96.4	80.1	122				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: V_BTEX_S

Lab Order: 08050415

Report Date: 16-May-08

Sample ID: LCS-D-F080514-1	SampType: LCSD	Units: µg/Kg	Prep Date: 5/14/2008	RunNo: 108135							
Client ID: ZZZZZZ	Batch ID: 44866	SW5035	Analysis Date: 5/14/2008	SeqNo: 1947429							
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	94.4	75	123	45.90	2.77	20	
Toluene	46.4	5.0	50.00	0	92.7	77.3	117	45.36	2.16	20	
Ethylbenzene	49.9	5.0	50.00	0	99.7	80.8	118	49.44	0.866	20	
Xylenes, Total	104	5.0	100.0	0	103.6	78.5	121	101.0	2.49	20	
Surr: 1,2-Dichloroethane-d4	54.6		50.00		109.2	61	128		0	0	
Surr: 4-Bromofluorobenzene	50.6		50.00		101.2	78.2	117		0	0	
Surr: Dibromofluoromethane	53.7		50.00		107.4	66.6	130		0	0	
Surr: Toluene-d8	47.7		50.00		95.3	80.1	122		0	0	

Sample ID: MBLK-F080514-1	SampType: MBLK	Units: µg/Kg	Prep Date: 5/14/2008	RunNo: 108135							
Client ID: ZZZZZZ	Batch ID: 44866	SW5035	Analysis Date: 5/14/2008	SeqNo: 1947431							
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	56.5		50.00		113.0	61	128				
Surr: 4-Bromofluorobenzene	49.7		50.00		99.4	78.2	117				
Surr: Dibromofluoromethane	53.4		50.00		106.8	66.6	130				
Surr: Toluene-d8	48.0		50.00		96.0	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 62403053

Lab Order: 08050415

Report Date: 16-May-08

Carrier: Leslie Hoosier

Received By: EAH

Completed by:

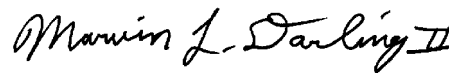


On:

09-May-08

Elizabeth A. Hurley

Reviewed by:



On:

12-May-08

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	4.6
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 No No VOA vials submitted
Water - pH acceptable upon receipt? Yes No

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

One B-847 6.0-7.0 ft jar was labeled "B-847 6.0-8.0 ft." All other containers were labeled correctly. EAH 5/9/08



Chain of Custody Record

210 West Sand Bank Road (618) 281-7173 Phone
 P.O. Box 230 (800) 733-7173
 Columbia, IL 62236-0230 (618) 281-5120 Fax

0805045

COC Serial No. **B** 08649Project Name: Ameron IP Campaign Project Mgr.: Derek IngramProject Number: 62403053 Cost Code: 024501Sampler(s): L. Hoosier / R. HisonLaboratory Name: TeklabLocation: Collinsville

Sample Number and (depth)	Date	Time	Matrix				Total Number of Containers	Analyses by Method Name and Number				Comments (Field PID)	Lab ID #'s	
			Soil	Water	Air	Wipes		Other *	BTEX	PAH	Metals *			Cyanide
B-812 1.0-2.0'	5/5	1610	X				5	X	X				* Arsenic, Chromium, Lead	0805046-01
B-812 9.0-10.0	5/5	1625	X				5	X	X					002
B-812 11.0-12.0	5/5	1642	X				5	X	X					003
B-811 2.0-3.0 2.0-3.0	5/5	1715	X				5	X	X	X				004
B-811 9.0-10.0	5/5	1723 1723	X				5	X	X	X				005
B-811 11.0-12.0	5/5	1743	X				5	X	X	X				006
Per Leslie Hoosier, add metals and cyanide to B809 (all depths), B811 (all depths), B843 (2-3 ft and 7-8 ft), B845 (6-7 ft), B803 (2-3 ft, 9-10 ft, and 21-22 ft), B849 (0-1 ft, 9-10 ft, 16-17 ft), B844 (1-2 ft and 8-9 ft), B892 (2-3 ft), and B850 (8-9 ft and 16-17 ft). Add pH to B809 (2-3 ft and 9-10 ft) and B852 (9-10 ft). 244 5/12/08														

Laboratory Temperature upon Receipt
 4.6 °C
 1000

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: _____

Shipping:

Carrier / Airbill No. _____

Relinquished by: Signature Leslie Hoosier Date 5/9 Time 1720

Received by: Signature Elizabeth A. Huby Date 5/9/08 Time 1720



Chain of Custody Record

210 West Sand Bank Road (618) 281-7173 Phone
 P.O. Box 230 (800) 733-7173
 Columbia, IL 62236-0230 (618) 281-5120 Fax

COC Serial No. **B** 08650

08060415

Project Name: Amara JP Champaign Project Mgr.: Derek Ingram
 Project Number: 62403053 Cost Code: 024501
 Sampler(s): L. Hoosier / R. Hanson

Laboratory	Name: <u>TK Lab</u>	Location: <u>Collinsville</u>	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 *	STX	PHH		
B843			2.0 - 3.0'	5/6	0924	X			5	X	X	X			08060415-007
B843			7.0 - 8.0'	5/6	0935	X			5	X	X	X			008
B843			10.0 - 11.0'	5/6	0947	X			5	X	X	X			009
B844			1.0' - 2.0'	5/6	1247	X			5	X	X	X			010
B844			9.0' - 10.0'	5/6	1305	X			5	X	X	X			011
B844			15.0 - 16.0'	5/6	1340	X			5	X	X	X			012
B851			19.0 - 20.0'	5/9	1020	X			5	X	X	X			013
B852			2.0 - 3.0'	5/9	1111	X			5	X	X	X			014
B852			9.0 - 10.0'	5/9	1125	X			5	X	X	X			015
B852			23.0 - 24.0'	5/9	1142	X			5	X	X	X			016

Laboratory Temperature upon Receipt
4.6°C
1000

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: _____

Shipping: Carrier / Airbill No. _____

Relinquished by: Signature Charlie Hoosier Date 5/9 Time 1720

Received by: Signature Elyse O'Hara Date 5/9/08 Time 1720



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

08050415

COC Serial No. **B** 08651

Project Name: American IP Campaign - Project Mgr.: Derek Ingram
 Project Number: 024501 Cost Code: 024501
 Sampler(s): L. Hoosier / K. Huson

Laboratory Name: Teklab
 Location: Collinsville

Sample Number and (depth)	Date	Time	Matrix				Total Number of Containers
			Soil	Water	Air	Wipes	
B 845 6.0'-7.0'	5/6	1445	X				5
B 845 13.0-14.0'	5/6	1500	X				5
B 846 8.5-9.5'	5/7	0855	X				5
B 846 10.0-11.0'	5/7	0930	X				5
B 846 20.0-21.0'	5/7	0954	X				5
B 803 2.0-3.0	5/7	1007	X				5
B 803 9.0-10.0	5/7	1020	X				5
B 803 21.0-22.0	5/7	1021 ¹⁰⁴⁴	X				5
B 803 29.0-30.0	5/7	1055	X				5

Analyses by Method Name and Number	Comments (Field PID)	Lab ID #'s				
			BTX	PAH	Metals	Cyanide
		08050415-017	X	X	X	
		018	X	X	X	
		019	X	X	X	
		020	X	X	X	
		021	X	X	X	
		022	X	X	X	
		023	X	X	X	
		024	X	X	X	
		025	X	X	X	

Laboratory Temperature upon Receipt
4.6°C

Samples Iced: Yes No

Preservatives (ONLY for Water Samples)

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

Hydrochloric acid (HCl)
 Sodium Bisulfate/Methanol
 Hydrochloric acid and/or Sulfuric acid (HNO₃)
 Nitric acid
 Sodium hydroxide (NaOH)

Lab Directives:

Requested TAT: Rush 5 Days 5TD 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: _____

Shipping:

Carrier / Airbill No. _____

Relinquished by:

Signature: L. Hoosier Date: 5/9 Time: 1720

Received by:

Signature: Derek Ingram Date: 5/9/08 Time: 1730



Chain of Custody Record

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

08050415

COC Serial No. **B** 08653

Project Name: America P Champaign Project Mgr.: Derek Ingram

Project Number: 62403053 Cost Code: 024501

Sampler(s): L. Hoosier / R. Huson

Laboratory Name: Teklab
Location: Collinsville

Sample Number and (depth)	Date	Time	Matrix			
			Soil	Water	Air	Wipes
B849 0.0-1.0'	5/7	1125	X			
B849 9.0-10.0'	5/7	1135	X			
B849 16.0-17.0'	5/7	1155	X			

Analyses by Method Name and Number		Total Number of Containers	Comments (Field PID)	Lab ID #'s
BTX	PAH			
X	X	5		08050415-026
X	X	5		027
X	X	5		028

Laboratory Temperature upon Receipt
4.6°C
1060

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: _____

Shipping:

Carrier / Airbill No. _____

Relinquished by: Signature Yvette Hoosier Date 5/9 Time 1720

Received by: Signature Derek Ingram Date 5/9/08 Time 1720



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

08090415

COC Serial No. **B** 08655

Project Name: Amvex Campaign Project Mgr.: Derek Ingram
 Project Number: 62403053 Cost Code: 02450P
 Sampler(s): L. Hoosier / R. Huson
 Laboratory Name: Tektab
 Location: Collinsville

Sample Number and (depth)	Date	Time	Matrix				Total Number of Containers	Analyses by Method Name and Number	Comments (Field PID)	Lab ID #'s
			Soil	Water	Air	Wipes				
B850 8.0-9.0'	5/8	1130	X				5	TPH OAR Metals Cyanide	08090415-038	
B850 16.0-17.0'	5/8	1205	X				5		031	
B850 25.0'-26.0'	5/8	1255	X				5		040	

Laboratory Temperature upon Receipt
4.6 C
100D

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: Rush 5 Days 9 PD Other

Requested TAT: _____
 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: _____

Shipping:

Carrier / Airbill No. _____

Relinquished by: Signature Yessie Hoosier Date 5/9 Time 1720

Received by: Signature Elizabeth Huson Date 5/9/08 Time 1720