

April 11, 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: 08040238

Dear Derek Ingram:

TEKLAB, INC received 36 samples on 4/4/2008 5:30:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

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

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

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005**Client:** Philip Environmental**SAMPLE SUMMARY****Project:** A831-735002-012901-225/IP Champaign 62403053**Lab Order:** 08040238**Report Date:** 11-Apr-08

Lab Sample ID	Client Sample ID	Fractions	Collection Date
08040238-001	B-824 (1-3 ft)	5	4/4/2008 9:37:00 AM
08040238-002	B-824 (9-10 ft)	5	4/4/2008 10:16:00 AM
08040238-003	B-824 (23-24 ft)	5	4/4/2008 10:53:00 AM
08040238-004	B-821 (9-10 ft)	4	4/4/2008 11:45:00 AM
08040238-005	B-821 (0.5-3 ft)	4	4/4/2008 11:22:00 AM
08040238-006	B-821 (19-20 ft)	4	4/4/2008 12:42:00 PM
08040238-007	B-835 (28-29 ft)	5	4/3/2008 9:15:00 AM
08040238-008	B-825 (2-3 ft)	4	4/3/2008 10:43:00 AM
08040238-009	B-825 (8-9 ft)	4	4/3/2008 11:11:00 AM
08040238-010	B-825 (18-19 ft)	4	4/3/2008 11:33:00 AM
08040238-011	B-825 (25-26 ft)	1	4/3/2008 11:51:00 AM
08040238-012	B-826 (2-3 ft)	4	4/3/2008 1:11:00 PM
08040238-013	B-826 (8-9 ft)	4	4/3/2008 1:30:00 PM
08040238-014	B-826 (16-17 ft)	4	4/3/2008 1:52:00 PM
08040238-015	B-828 (2-3 ft)	4	4/3/2008 2:53:00 PM
08040238-016	B-828-DUP (2-3 ft)	4	4/3/2008 2:53:00 PM
08040238-017	B-828 (9-10 ft)	4	4/3/2008 3:19:00 PM
08040238-018	B-828 (12-13 ft)	4	4/3/2008 3:41:00 PM
08040238-019	B-828 (17-18 ft)	4	4/3/2008 4:00:00 PM
08040238-020	B-830 (2-3 ft)	4	4/3/2008 11:59:00 AM
08040238-021	B-830 (8-9 ft)	4	4/3/2008 12:21:00 PM
08040238-022	B-830 (28-30 ft)	5	4/3/2008 2:53:00 PM
08040238-023	B-831 (1-3 ft)	5	4/3/2008 3:49:00 PM
08040238-024	B-831 (9-10 ft)	5	4/3/2008 4:19:00 PM
08040238-025	B-831 (10.5-12 ft)	4	4/3/2008 4:55:00 PM
08040238-026	B-831 (18-20 ft)	4	4/3/2008 5:17:00 PM
08040238-027	B-832 (2-3 ft)	4	4/4/2008 8:53:00 AM
08040238-028	B-832 (7-8 ft)	4	4/4/2008 9:09:00 AM
08040238-029	B-832 (20-21 ft)	4	4/4/2008 9:40:00 AM
08040238-030	B-838 (1-2 ft)	4	4/4/2008 11:20:00 AM
08040238-031	B-838 (9-10 ft)	4	4/4/2008 11:31:00 AM
08040238-032	B-838 (15-16 ft)	4	4/4/2008 12:16:00 PM
08040238-033	B-838 (29-30 ft)	4	4/4/2008 12:52:00 PM

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: 08040238

Report Date: 11-Apr-08

Lab Sample ID	Client Sample ID	Fractions	Collection Date
08040238-034	B-820 (8.5-9.5 ft)	4	4/4/2008 1:41:00 PM
08040238-035	B-820 (1-2 ft)	4	4/4/2008 2:41:00 PM
08040238-036	B-820 (25-26 ft)	4	4/4/2008 2:53:00 PM

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

Client: Philip Environmental

CASE NARRATIVE

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

LabOrder: 08040238

Report Date: 11-Apr-08

Cooler Receipt Temp: 2.6 °C

State accreditations:

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

Qualifiers

DF - Dilution Factor

RL - Reporting Limit

ND - Not Detected at the Reporting Limit

Surr - Surrogate Standard added by lab

TNTC - Too numerous to count (> 200 CFU)

Q - QC criteria failed or noncompliant CCV

NELAP - IL ELAP and NELAP Accredited Field of Testing

B - Analyte detected in the associated Method Blank

J - Analyte detected below reporting limits

R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits

X - Value exceeds Maximum Contaminant Level

- Unknown hydrocarbon

IDPH - IL Dept. of Public Health

C - Client requested RL below

D - Diluted out of sample

E - Value above quantitation range

H - Holding time exceeded

MI - Matrix interference

DNI - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

WorkOrder: 08040238

Lab ID: 08040238-001

Report Date: 11-Apr-08

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

Client Sample ID: B-824 (1-3 ft)

Collection Date: 4/4/2008 9:37:00 AM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		20.2	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		79.8	%	1	4/7/2008	HMH
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.36		6.31	mg/Kg-dry	1	4/9/2008 9:55:50 AM	LAL
Chromium	NELAP	0.94		18.6	mg/Kg-dry	1	4/9/2008 9:55:50 AM	LAL
Lead	NELAP	3.77		131	mg/Kg-dry	1	4/9/2008 9:55:50 AM	LAL
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.042		ND	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Acenaphthylene	NELAP	0.042		0.115	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Anthracene	NELAP	0.042	J	0.041	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Benzo(a)anthracene	NELAP	0.042		0.208	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Benzo(a)pyrene	NELAP	0.042		0.199	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.042		0.193	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.042		0.141	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.042		0.204	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Chrysene	NELAP	0.042		0.218	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.042		0.049	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Fluoranthene	NELAP	0.042		0.314	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Fluorene	NELAP	0.042		ND	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.042		0.132	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Naphthalene	NELAP	0.042		ND	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Phenanthrene	NELAP	0.042		0.116	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Pyrene	NELAP	0.042		0.303	mg/Kg-dry	10	4/7/2008 5:52:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		59.9	%REC	10	4/7/2008 5:52:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		51.9	%REC	10	4/7/2008 5:52:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		69.9	%REC	10	4/7/2008 5:52:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.1		ND	µg/Kg-dry	1	4/9/2008 6:10:00 PM	JSA
Ethylbenzene	NELAP	5.5		ND	µg/Kg-dry	1	4/9/2008 6:10:00 PM	JSA
Toluene	NELAP	5.5		ND	µg/Kg-dry	1	4/9/2008 6:10:00 PM	JSA
Xylenes, Total	NELAP	5.5	J	1.3	µg/Kg-dry	1	4/9/2008 6:10:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		102.9	%REC	1	4/9/2008 6:10:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		91.6	%REC	1	4/9/2008 6:10:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		95.7	%REC	1	4/9/2008 6:10:00 PM	JSA
Surr: Toluene-d8		80.1-122		98.2	%REC	1	4/9/2008 6:10:00 PM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.61		< 0.61	mg/Kg-dry	1	4/8/2008	AET

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental**WorkOrder:** 08040238**Lab ID:** 08040238-001**Report Date:** 11-Apr-08**Client Project:** A831-735002-012901-225/IP Champ**Client Sample ID:** B-824 (1-3 ft)**Collection Date:** 4/4/2008 9:37:00 AM**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.61		< 0.61	mg/Kg-dry	1	4/8/2008	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

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: 08040238

Lab ID: 08040238-002

Report Date: 11-Apr-08

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

Client Sample ID: B-824 (9-10 ft)

Collection Date: 4/4/2008 10:16:00 AM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		13.3	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		86.7	%	1	4/7/2008	HMH
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.50		7.98	mg/Kg-dry	1	4/9/2008 10:02:37 AM	LAL
Chromium	NELAP	1.00		16.0	mg/Kg-dry	1	4/9/2008 10:02:37 AM	LAL
Lead	NELAP	4.00		11.4	mg/Kg-dry	1	4/9/2008 10:02:37 AM	LAL
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.020		0.148	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Acenaphthylene	NELAP	0.020		0.515	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Anthracene	NELAP	0.020		0.639	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Benzo(a)anthracene	NELAP	0.020		0.585	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Benzo(a)pyrene	NELAP	0.020		0.673	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.020		0.301	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.020		0.308	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.020		0.375	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Chrysene	NELAP	0.020		0.550	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.020		0.076	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Fluoranthene	NELAP	0.020		1.01	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Fluorene	NELAP	0.020		0.666	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.020		0.240	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Naphthalene	NELAP	0.020		ND	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Phenanthrene	NELAP	0.020		2.38	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Pyrene	NELAP	0.020		1.51	mg/Kg-dry	5	4/7/2008 6:18:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		47.9	%REC	5	4/7/2008 6:18:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		45.9	%REC	5	4/7/2008 6:18:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		72.9	%REC	5	4/7/2008 6:18:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	23.5		ND	µg/Kg-dry	12.5	4/9/2008 5:09:00 PM	JSA
Ethylbenzene	NELAP	118	J	34	µg/Kg-dry	12.5	4/9/2008 5:09:00 PM	JSA
Toluene	NELAP	118		ND	µg/Kg-dry	12.5	4/9/2008 5:09:00 PM	JSA
Xylenes, Total	NELAP	118		ND	µg/Kg-dry	12.5	4/9/2008 5:09:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128	S	138.3	%REC	12.5	4/9/2008 5:09:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		115.4	%REC	12.5	4/9/2008 5:09:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130	S	181.6	%REC	12.5	4/9/2008 5:09:00 PM	JSA
Surr: Toluene-d8		80.1-122		110.6	%REC	12.5	4/9/2008 5:09:00 PM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.56		< 0.56	mg/Kg-dry	1	4/8/2008	AET

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental**WorkOrder:** 08040238**Lab ID:** 08040238-002**Report Date:** 11-Apr-08**Client Project:** A831-735002-012901-225/IP Champ**Client Sample ID:** B-824 (9-10 ft)**Collection Date:** 4/4/2008 10:16:00 AM**Matrix:** SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.57		< 0.57	mg/Kg-dry	1	4/8/2008	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

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

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

Surrogate recovery was outside QC limits due to matrix interference.

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: 08040238
Lab ID: 08040238-003
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-824 (23-24 ft)
Collection Date: 4/4/2008 10:53:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		10.8	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		89.2	%	1	4/7/2008	HMH
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.45		8.18	mg/Kg-dry	1	4/9/2008 10:09:24 AM	LAL
Chromium	NELAP	0.98		15.5	mg/Kg-dry	1	4/9/2008 10:09:24 AM	LAL
Lead	NELAP	3.92		10.5	mg/Kg-dry	1	4/9/2008 10:09:24 AM	LAL
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.015	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.041	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Anthracene	NELAP	0.004		0.090	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.081	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.061	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.048	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.025	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.053	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Chrysene	NELAP	0.004		0.069	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		0.011	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Fluoranthene	NELAP	0.004		0.192	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Fluorene	NELAP	0.004		0.077	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.026	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Naphthalene	NELAP	0.004		0.187	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Phenanthrene	NELAP	0.004		0.288	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Pyrene	NELAP	0.004		0.142	mg/Kg-dry	1	4/7/2008 4:31:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		56.5	%REC	1	4/7/2008 4:31:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		59.7	%REC	1	4/7/2008 4:31:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		77.0	%REC	1	4/7/2008 4:31:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.8		1.3	µg/Kg-dry	1	4/9/2008 6:40:00 PM	JSA
Ethylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	4/9/2008 6:40:00 PM	JSA
Toluene	NELAP	4.1	J	1.7	µg/Kg-dry	1	4/9/2008 6:40:00 PM	JSA
Xylenes, Total	NELAP	4.1	J	1.3	µg/Kg-dry	1	4/9/2008 6:40:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		90.5	%REC	1	4/9/2008 6:40:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		88.7	%REC	1	4/9/2008 6:40:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		89.4	%REC	1	4/9/2008 6:40:00 PM	JSA
Surr: Toluene-d8		80.1-122		96.3	%REC	1	4/9/2008 6:40:00 PM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.55		< 0.55	mg/Kg-dry	1	4/8/2008	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: 08040238

Client Sample ID: B-824 (23-24 ft)

Lab ID: 08040238-003

Collection Date: 4/4/2008 10:53:00 AM

Report Date: 11-Apr-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.55		< 0.55	mg/Kg-dry	1	4/8/2008	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: 08040238
Lab ID: 08040238-004
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-821 (9-10 ft)
Collection Date: 4/4/2008 11:45:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		16.4	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		83.6	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Fluoranthene	NELAP	0.004	J	0.004	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Naphthalene	NELAP	0.004		0.006	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Phenanthrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Pyrene	NELAP	0.004		0.008	mg/Kg-dry	1	4/7/2008 8:29:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		56.5	%REC	1	4/7/2008 8:29:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		56.3	%REC	1	4/7/2008 8:29:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		76.6	%REC	1	4/7/2008 8:29:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.0		5.2	µg/Kg-dry	1	4/9/2008 7:11:00 PM	JSA
Ethylbenzene	NELAP	4.9	J	3.3	µg/Kg-dry	1	4/9/2008 7:11:00 PM	JSA
Toluene	NELAP	4.9		8.9	µg/Kg-dry	1	4/9/2008 7:11:00 PM	JSA
Xylenes, Total	NELAP	4.9		7.3	µg/Kg-dry	1	4/9/2008 7:11:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		99.1	%REC	1	4/9/2008 7:11:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		93.9	%REC	1	4/9/2008 7:11:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		98.8	%REC	1	4/9/2008 7:11:00 PM	JSA
Surr: Toluene-d8		80.1-122		97.4	%REC	1	4/9/2008 7:11:00 PM	JSA

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: 08040238
Lab ID: 08040238-005
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-821 (0.5-3 ft)
Collection Date: 4/4/2008 11:22:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		17.5	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		82.5	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.042		ND	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Acenaphthylene	NELAP	0.042		0.140	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Anthracene	NELAP	0.042		0.198	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Benzo(a)anthracene	NELAP	0.042		0.220	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Benzo(a)pyrene	NELAP	0.042		0.229	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.042		0.106	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.042		0.098	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.042		0.130	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Chrysene	NELAP	0.042		0.197	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.042		ND	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Fluoranthene	NELAP	0.042		0.362	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Fluorene	NELAP	0.042		0.120	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.042		0.077	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Naphthalene	NELAP	0.042		2.22	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Phenanthrene	NELAP	0.042		0.588	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Pyrene	NELAP	0.042		0.535	mg/Kg-dry	10	4/7/2008 6:45:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		39.9	%REC	10	4/7/2008 6:45:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		33.9	%REC	10	4/7/2008 6:45:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		67.9	%REC	10	4/7/2008 6:45:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		1.7	µg/Kg-dry	1	4/9/2008 7:41:00 PM	JSA
Ethylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	4/9/2008 7:41:00 PM	JSA
Toluene	NELAP	4.6	J	2.1	µg/Kg-dry	1	4/9/2008 7:41:00 PM	JSA
Xylenes, Total	NELAP	4.6		ND	µg/Kg-dry	1	4/9/2008 7:41:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		75.9	%REC	1	4/9/2008 7:41:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		109.0	%REC	1	4/9/2008 7:41:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		78.0	%REC	1	4/9/2008 7:41:00 PM	JSA
Surr: Toluene-d8		80.1-122		100.2	%REC	1	4/9/2008 7:41:00 PM	JSA

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: 08040238
Lab ID: 08040238-006
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-821 (19-20 ft)
Collection Date: 4/4/2008 12:42:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		10.6	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		89.4	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Naphthalene	NELAP	0.004	J	0.004	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 9:04:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		25.5	%REC	1	4/7/2008 9:04:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		34.9	%REC	1	4/7/2008 9:04:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		69.9	%REC	1	4/7/2008 9:04:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		1.7	µg/Kg-dry	1	4/9/2008 8:12:00 PM	JSA
Ethylbenzene	NELAP	4.5		ND	µg/Kg-dry	1	4/9/2008 8:12:00 PM	JSA
Toluene	NELAP	4.5	J	2.0	µg/Kg-dry	1	4/9/2008 8:12:00 PM	JSA
Xylenes, Total	NELAP	4.5	J	1.6	µg/Kg-dry	1	4/9/2008 8:12:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		104.3	%REC	1	4/9/2008 8:12:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		78.9	%REC	1	4/9/2008 8:12:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		105.7	%REC	1	4/9/2008 8:12:00 PM	JSA
Surr: Toluene-d8		80.1-122		82.2	%REC	1	4/9/2008 8:12:00 PM	JSA

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: 08040238
Lab ID: 08040238-007
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-835 (28-29 ft)
Collection Date: 4/3/2008 9:15:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		10.8	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		89.2	%	1	4/7/2008	HMH
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.40		7.78	mg/Kg-dry	1	4/9/2008 10:29:36 AM	LAL
Chromium	NELAP	0.96		12.7	mg/Kg-dry	1	4/9/2008 10:29:36 AM	LAL
Lead	NELAP	3.85		9.62	mg/Kg-dry	1	4/9/2008 10:29:36 AM	LAL
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.195		2.47	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Acenaphthylene	NELAP	0.195		13.0	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Anthracene	NELAP	0.195		8.24	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Benzo(a)anthracene	NELAP	0.195		6.06	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Benzo(a)pyrene	NELAP	0.195		4.99	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.195		3.41	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.195		1.94	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.195		3.92	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Chrysene	NELAP	0.195		5.22	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.195		0.702	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Fluoranthene	NELAP	0.195		15.3	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Fluorene	NELAP	0.195		9.55	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.195		2.09	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Naphthalene	NELAP	0.195		56.0	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Phenanthrene	NELAP	0.195		25.2	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Pyrene	NELAP	0.195		12.2	mg/Kg-dry	50	4/7/2008 7:12:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		39.9	%REC	50	4/7/2008 7:12:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		20.0	%REC	50	4/7/2008 7:12:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		69.9	%REC	50	4/7/2008 7:12:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	885		29600	µg/Kg-dry	500	4/9/2008 4:39:00 PM	JSA
Ethylbenzene	NELAP	4430		15200	µg/Kg-dry	500	4/9/2008 4:39:00 PM	JSA
Toluene	NELAP	4430		59100	µg/Kg-dry	500	4/9/2008 4:39:00 PM	JSA
Xylenes, Total	NELAP	4430		78100	µg/Kg-dry	500	4/9/2008 4:39:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		87.1	%REC	500	4/9/2008 4:39:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		99.5	%REC	500	4/9/2008 4:39:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		90.5	%REC	500	4/9/2008 4:39:00 PM	JSA
Surr: Toluene-d8		80.1-122		97.9	%REC	500	4/9/2008 4:39:00 PM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.55		0.59	mg/Kg-dry	1	4/8/2008	AET

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

WorkOrder: 08040238

Lab ID: 08040238-007

Report Date: 11-Apr-08

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

Client Sample ID: B-835 (28-29 ft)

Collection Date: 4/3/2008 9:15:00 AM

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	4/8/2008	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: 08040238

Lab ID: 08040238-008

Report Date: 11-Apr-08

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

Client Sample ID: B-825 (2-3 ft)

Collection Date: 4/3/2008 10:43:00 AM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		23.7	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		76.3	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.010	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.040	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Anthracene	NELAP	0.004		0.038	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.029	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.018	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.014	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.006	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.015	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Chrysene	NELAP	0.004		0.025	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Fluoranthene	NELAP	0.004		0.066	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Fluorene	NELAP	0.004		0.048	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Naphthalene	NELAP	0.004		0.109	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Phenanthrene	NELAP	0.004		0.116	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Pyrene	NELAP	0.004		0.053	mg/Kg-dry	1	4/7/2008 4:58:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		29.9	%REC	1	4/7/2008 4:58:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		47.7	%REC	1	4/7/2008 4:58:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		69.9	%REC	1	4/7/2008 4:58:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.2		ND	µg/Kg-dry	1	4/9/2008 8:42:00 PM	JSA
Ethylbenzene	NELAP	5.9		ND	µg/Kg-dry	1	4/9/2008 8:42:00 PM	JSA
Toluene	NELAP	5.9		ND	µg/Kg-dry	1	4/9/2008 8:42:00 PM	JSA
Xylenes, Total	NELAP	5.9	J	1.9	µg/Kg-dry	1	4/9/2008 8:42:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		103.0	%REC	1	4/9/2008 8:42:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		99.3	%REC	1	4/9/2008 8:42:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		96.1	%REC	1	4/9/2008 8:42:00 PM	JSA
Surr: Toluene-d8		80.1-122		98.1	%REC	1	4/9/2008 8:42:00 PM	JSA

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: 08040238
Lab ID: 08040238-009
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-825 (8-9 ft)
Collection Date: 4/3/2008 11:11:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		14.3	%	1	4/8/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		85.7	%	1	4/8/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Fluoranthene	NELAP	0.004	J	0.004	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Naphthalene	NELAP	0.004		0.008	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Phenanthrene	NELAP	0.004		0.007	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:10:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		38.5	%REC	1	4/8/2008 9:10:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		46.1	%REC	1	4/8/2008 9:10:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		64.7	%REC	1	4/8/2008 9:10:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		2.3	µg/Kg-dry	1	4/9/2008 9:13:00 PM	JSA
Ethylbenzene	NELAP	4.6	J	2.1	µg/Kg-dry	1	4/9/2008 9:13:00 PM	JSA
Toluene	NELAP	4.6		6.2	µg/Kg-dry	1	4/9/2008 9:13:00 PM	JSA
Xylenes, Total	NELAP	4.6		4.8	µg/Kg-dry	1	4/9/2008 9:13:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		68.3	%REC	1	4/9/2008 9:13:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		111.5	%REC	1	4/9/2008 9:13:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		73.8	%REC	1	4/9/2008 9:13:00 PM	JSA
Surr: Toluene-d8		80.1-122		102.4	%REC	1	4/9/2008 9:13:00 PM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-010
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-825 (18-19 ft)
Collection Date: 4/3/2008 11:33:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		11.1	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		88.9	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:27:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		63.3	%REC	1	4/8/2008 11:27:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		59.1	%REC	1	4/8/2008 11:27:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		68.3	%REC	1	4/8/2008 11:27:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		1.6	µg/Kg-dry	1	4/9/2008 9:43:00 PM	JSA
Ethylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	4/9/2008 9:43:00 PM	JSA
Toluene	NELAP	4.6	J	2.4	µg/Kg-dry	1	4/9/2008 9:43:00 PM	JSA
Xylenes, Total	NELAP	4.6		ND	µg/Kg-dry	1	4/9/2008 9:43:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		79.4	%REC	1	4/9/2008 9:43:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		105.8	%REC	1	4/9/2008 9:43:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		83.6	%REC	1	4/9/2008 9:43:00 PM	JSA
Surr: Toluene-d8		80.1-122		99.4	%REC	1	4/9/2008 9:43:00 PM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-011
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-825 (25-26 ft)
Collection Date: 4/3/2008 11:51:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		11.0	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		89.0	%	1	4/7/2008	HMH
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.27		7.68	mg/Kg-dry	1	4/9/2008 10:36:23 AM	LAL
Chromium	NELAP	0.91		15.8	mg/Kg-dry	1	4/9/2008 10:36:23 AM	LAL
Lead	NELAP	3.64		10.1	mg/Kg-dry	1	4/9/2008 10:36:23 AM	LAL
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.55		< 0.55	mg/Kg-dry	1	4/8/2008	AET
<u>SW-846 9014A</u>								
Cyanide, Amenable to Chlorination		0.55		< 0.55	mg/Kg-dry	1	4/8/2008	AET

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-012
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-826 (2-3 ft)
Collection Date: 4/3/2008 1:11:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		22.8	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		77.2	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:20:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		66.9	%REC	1	4/8/2008 1:20:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		63.9	%REC	1	4/8/2008 1:20:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		73.1	%REC	1	4/8/2008 1:20:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.1		ND	µg/Kg-dry	1	4/9/2008 10:13:00 PM	JSA
Ethylbenzene	NELAP	5.6		ND	µg/Kg-dry	1	4/9/2008 10:13:00 PM	JSA
Toluene	NELAP	5.6		ND	µg/Kg-dry	1	4/9/2008 10:13:00 PM	JSA
Xylenes, Total	NELAP	5.6		ND	µg/Kg-dry	1	4/9/2008 10:13:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		101.7	%REC	1	4/9/2008 10:13:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		98.1	%REC	1	4/9/2008 10:13:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		99.5	%REC	1	4/9/2008 10:13:00 PM	JSA
Surr: Toluene-d8		80.1-122		97.9	%REC	1	4/9/2008 10:13:00 PM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-013
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-826 (8-9 ft)
Collection Date: 4/3/2008 1:30:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		15.8	%	1	4/8/2008	TWM
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		84.2	%	1	4/8/2008	TWM
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.004	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Phenanthrene	NELAP	0.004		0.006	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Pyrene	NELAP	0.004		0.004	mg/Kg-dry	1	4/8/2008 1:59:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		44.1	%REC	1	4/8/2008 1:59:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		46.9	%REC	1	4/8/2008 1:59:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		63.1	%REC	1	4/8/2008 1:59:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		2.0	µg/Kg-dry	1	4/9/2008 10:44:00 PM	JSA
Ethylbenzene	NELAP	4.3	J	1.7	µg/Kg-dry	1	4/9/2008 10:44:00 PM	JSA
Toluene	NELAP	4.3	J	4.2	µg/Kg-dry	1	4/9/2008 10:44:00 PM	JSA
Xylenes, Total	NELAP	4.3	J	4.2	µg/Kg-dry	1	4/9/2008 10:44:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		98.1	%REC	1	4/9/2008 10:44:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		98.8	%REC	1	4/9/2008 10:44:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		94.4	%REC	1	4/9/2008 10:44:00 PM	JSA
Surr: Toluene-d8		80.1-122		99.1	%REC	1	4/9/2008 10:44:00 PM	JSA
<u>SW-846 9045C</u>								
pH (1:1)	NELAP	1.00		8.07		1	4/10/2008 2:20:00 PM	NJK

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-014
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-826 (16-17 ft)
Collection Date: 4/3/2008 1:52:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		12.9	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		87.1	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.005	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.004	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Fluoranthene	NELAP	0.004		0.007	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Naphthalene	NELAP	0.004		0.006	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Phenanthrene	NELAP	0.004		0.012	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	4/8/2008 2:37:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		61.9	%REC	1	4/8/2008 2:37:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		61.9	%REC	1	4/8/2008 2:37:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		74.1	%REC	1	4/8/2008 2:37:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		1.8	µg/Kg-dry	1	4/9/2008 11:14:00 PM	JSA
Ethylbenzene	NELAP	4.4	J	1.5	µg/Kg-dry	1	4/9/2008 11:14:00 PM	JSA
Toluene	NELAP	4.4	J	4.0	µg/Kg-dry	1	4/9/2008 11:14:00 PM	JSA
Xylenes, Total	NELAP	4.4	J	3.5	µg/Kg-dry	1	4/9/2008 11:14:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		102.2	%REC	1	4/9/2008 11:14:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		98.9	%REC	1	4/9/2008 11:14:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		98.9	%REC	1	4/9/2008 11:14:00 PM	JSA
Surr: Toluene-d8		80.1-122		98.3	%REC	1	4/9/2008 11:14:00 PM	JSA
<u>SW-846 9045C</u>								
pH (1:1)	NELAP	1.00		8.21		1	4/10/2008 2:23:00 PM	NJK

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-015
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-828 (2-3 ft)
Collection Date: 4/3/2008 2:53:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		23.4	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		76.6	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.014	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.011	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.017	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.009	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Chrysene	NELAP	0.004		0.012	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Fluoranthene	NELAP	0.004		0.028	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.008	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Phenanthrene	NELAP	0.004		0.010	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Pyrene	NELAP	0.004		0.023	mg/Kg-dry	1	4/8/2008 3:14:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		54.1	%REC	1	4/8/2008 3:14:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		54.1	%REC	1	4/8/2008 3:14:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		65.1	%REC	1	4/8/2008 3:14:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.3		1.4	µg/Kg-dry	1	4/9/2008 11:45:00 PM	JSA
Ethylbenzene	NELAP	6.3		ND	µg/Kg-dry	1	4/9/2008 11:45:00 PM	JSA
Toluene	NELAP	6.3		ND	µg/Kg-dry	1	4/9/2008 11:45:00 PM	JSA
Xylenes, Total	NELAP	6.3	J	1.8	µg/Kg-dry	1	4/9/2008 11:45:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		99.3	%REC	1	4/9/2008 11:45:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		78.2	%REC	1	4/9/2008 11:45:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		99.8	%REC	1	4/9/2008 11:45:00 PM	JSA
Surr: Toluene-d8		80.1-122		95.4	%REC	1	4/9/2008 11:45:00 PM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-016
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-828-DUP (2-3 ft)
Collection Date: 4/3/2008 2:53:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		23.4	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		76.6	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.012	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.012	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.018	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.010	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.006	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Chrysene	NELAP	0.004		0.012	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Fluoranthene	NELAP	0.004		0.017	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.009	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Naphthalene	NELAP	0.004	J	0.004	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Phenanthrene	NELAP	0.004		0.008	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Pyrene	NELAP	0.004		0.015	mg/Kg-dry	1	4/8/2008 3:53:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		61.5	%REC	1	4/8/2008 3:53:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		60.5	%REC	1	4/8/2008 3:53:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		69.9	%REC	1	4/8/2008 3:53:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.3		2.1	µg/Kg-dry	1	4/10/2008 5:49:00 AM	JSA
Ethylbenzene	NELAP	6.5		ND	µg/Kg-dry	1	4/10/2008 5:49:00 AM	JSA
Toluene	NELAP	6.5		ND	µg/Kg-dry	1	4/10/2008 5:49:00 AM	JSA
Xylenes, Total	NELAP	6.5	J	1.6	µg/Kg-dry	1	4/10/2008 5:49:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		99.5	%REC	1	4/10/2008 5:49:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		99.6	%REC	1	4/10/2008 5:49:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		96.6	%REC	1	4/10/2008 5:49:00 AM	JSA
Surr: Toluene-d8		80.1-122		99.4	%REC	1	4/10/2008 5:49:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-017
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-828 (9-10 ft)
Collection Date: 4/3/2008 3:19:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		19.8	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		80.2	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004	J	0.004	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Naphthalene	NELAP	0.004		0.023	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:31:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		58.9	%REC	1	4/8/2008 4:31:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		55.5	%REC	1	4/8/2008 4:31:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		71.7	%REC	1	4/8/2008 4:31:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.0		31.4	µg/Kg-dry	1	4/10/2008 12:15:00 AM	JSA
Ethylbenzene	NELAP	5.2		53.4	µg/Kg-dry	1	4/10/2008 12:15:00 AM	JSA
Toluene	NELAP	5.2		10.9	µg/Kg-dry	1	4/10/2008 12:15:00 AM	JSA
Xylenes, Total	NELAP	5.2		32.2	µg/Kg-dry	1	4/10/2008 12:15:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		93.7	%REC	1	4/10/2008 12:15:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		103.9	%REC	1	4/10/2008 12:15:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		94.3	%REC	1	4/10/2008 12:15:00 AM	JSA
Surr: Toluene-d8		80.1-122		100.4	%REC	1	4/10/2008 12:15:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-018
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-828 (12-13 ft)
Collection Date: 4/3/2008 3:41:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		13.5	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		86.5	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.043	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.006	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Fluorene	NELAP	0.004		0.021	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Naphthalene	NELAP	0.004		0.766	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:08:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		48.9	%REC	1	4/8/2008 5:08:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		46.9	%REC	1	4/8/2008 5:08:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		65.5	%REC	1	4/8/2008 5:08:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	21.7		60.8	µg/Kg-dry	12.5	4/9/2008 5:40:00 PM	JSA
Ethylbenzene	NELAP	109		182	µg/Kg-dry	12.5	4/9/2008 5:40:00 PM	JSA
Toluene	NELAP	109		ND	µg/Kg-dry	12.5	4/9/2008 5:40:00 PM	JSA
Xylenes, Total	NELAP	109		284	µg/Kg-dry	12.5	4/9/2008 5:40:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128	S	129.3	%REC	12.5	4/9/2008 5:40:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		110.9	%REC	12.5	4/9/2008 5:40:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130	S	183.6	%REC	12.5	4/9/2008 5:40:00 PM	JSA
Surr: Toluene-d8		80.1-122		107.3	%REC	12.5	4/9/2008 5:40:00 PM	JSA

Sample Narrative

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

Surrogate recovery was outside QC limits due to matrix interference.

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: 08040238
Lab ID: 08040238-019
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-828 (17-18 ft)
Collection Date: 4/3/2008 4:00:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		10.6	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		89.4	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Phenanthrene	NELAP	0.004		0.004	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 5:46:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		37.7	%REC	1	4/8/2008 5:46:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		44.9	%REC	1	4/8/2008 5:46:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		61.3	%REC	1	4/8/2008 5:46:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		1.5	µg/Kg-dry	1	4/10/2008 6:19:00 AM	JSA
Ethylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	4/10/2008 6:19:00 AM	JSA
Toluene	NELAP	4.3	J	1.5	µg/Kg-dry	1	4/10/2008 6:19:00 AM	JSA
Xylenes, Total	NELAP	4.3		ND	µg/Kg-dry	1	4/10/2008 6:19:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		90.7	%REC	1	4/10/2008 6:19:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		82.9	%REC	1	4/10/2008 6:19:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		91.7	%REC	1	4/10/2008 6:19:00 AM	JSA
Surr: Toluene-d8		80.1-122		92.6	%REC	1	4/10/2008 6:19:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-020
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-830 (2-3 ft)
Collection Date: 4/3/2008 11:59:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		25.7	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		74.3	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.023		0.032	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Acenaphthylene	NELAP	0.023		0.075	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Anthracene	NELAP	0.023		0.086	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Benzo(a)anthracene	NELAP	0.023		0.429	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Benzo(a)pyrene	NELAP	0.023		0.500	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.023		0.660	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.023		0.342	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.023		0.251	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Chrysene	NELAP	0.023		0.487	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.023		0.105	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Fluoranthene	NELAP	0.023		0.771	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Fluorene	NELAP	0.023		0.028	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.023		0.316	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Naphthalene	NELAP	0.023		0.037	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Phenanthrene	NELAP	0.023		0.338	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Pyrene	NELAP	0.023		0.638	mg/Kg-dry	5	4/8/2008 12:09:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		54.9	%REC	5	4/8/2008 12:09:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		65.9	%REC	5	4/8/2008 12:09:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		75.8	%REC	5	4/8/2008 12:09:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.3		ND	µg/Kg-dry	1	4/10/2008 6:50:00 AM	JSA
Ethylbenzene	NELAP	6.4		ND	µg/Kg-dry	1	4/10/2008 6:50:00 AM	JSA
Toluene	NELAP	6.4		ND	µg/Kg-dry	1	4/10/2008 6:50:00 AM	JSA
Xylenes, Total	NELAP	6.4		ND	µg/Kg-dry	1	4/10/2008 6:50:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		100.5	%REC	1	4/10/2008 6:50:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		96.8	%REC	1	4/10/2008 6:50:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		98.5	%REC	1	4/10/2008 6:50:00 AM	JSA
Surr: Toluene-d8		80.1-122		97.8	%REC	1	4/10/2008 6:50:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-021
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-830 (8-9 ft)
Collection Date: 4/3/2008 12:21:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		18.7	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		81.3	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:24:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		53.9	%REC	1	4/8/2008 6:24:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		51.9	%REC	1	4/8/2008 6:24:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		69.1	%REC	1	4/8/2008 6:24:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.2		1.5	µg/Kg-dry	1	4/10/2008 7:21:00 AM	JSA
Ethylbenzene	NELAP	5.8		ND	µg/Kg-dry	1	4/10/2008 7:21:00 AM	JSA
Toluene	NELAP	5.8	J	2.1	µg/Kg-dry	1	4/10/2008 7:21:00 AM	JSA
Xylenes, Total	NELAP	5.8	J	1.4	µg/Kg-dry	1	4/10/2008 7:21:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		98.5	%REC	1	4/10/2008 7:21:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		99.8	%REC	1	4/10/2008 7:21:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		96.3	%REC	1	4/10/2008 7:21:00 AM	JSA
Surr: Toluene-d8		80.1-122		98.9	%REC	1	4/10/2008 7:21:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-022
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-830 (28-30 ft)
Collection Date: 4/3/2008 2:53:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		10.1	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		89.9	%	1	4/7/2008	HMH
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.50		8.52	mg/Kg-dry	1	4/9/2008 11:15:18 AM	LAL
Chromium	NELAP	1.00		12.4	mg/Kg-dry	1	4/9/2008 11:15:18 AM	LAL
Lead	NELAP	4.00		9.39	mg/Kg-dry	1	4/9/2008 11:15:18 AM	LAL
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 7:03:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		54.7	%REC	1	4/8/2008 7:03:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		53.5	%REC	1	4/8/2008 7:03:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		63.1	%REC	1	4/8/2008 7:03:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.8		ND	µg/Kg-dry	1	4/10/2008 7:51:00 AM	JSA
Ethylbenzene	NELAP	4.1		ND	µg/Kg-dry	1	4/10/2008 7:51:00 AM	JSA
Toluene	NELAP	4.1	J	0.9	µg/Kg-dry	1	4/10/2008 7:51:00 AM	JSA
Xylenes, Total	NELAP	4.1		ND	µg/Kg-dry	1	4/10/2008 7:51:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		66.5	%REC	1	4/10/2008 7:51:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		94.8	%REC	1	4/10/2008 7:51:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130	S	65.4	%REC	1	4/10/2008 7:51:00 AM	JSA
Surr: Toluene-d8		80.1-122		96.3	%REC	1	4/10/2008 7:51:00 AM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.55	J	0.43	mg/Kg-dry	1	4/8/2008	AET

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

WorkOrder: 08040238

Lab ID: 08040238-022

Report Date: 11-Apr-08

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

Client Sample ID: B-830 (28-30 ft)

Collection Date: 4/3/2008 2:53:00 PM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
SW-846 9014A								
Cyanide, Amenable to Chlorination		0.55		< 0.55	mg/Kg-dry	1	4/8/2008	AET

Sample Narrative

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

Surrogate recovery was outside QC limits due to matrix interference.

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-023
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-831 (1-3 ft)
Collection Date: 4/3/2008 3:49:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		21.6	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		78.4	%	1	4/7/2008	HMH
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.40		6.50	mg/Kg-dry	1	4/9/2008 11:22:05 AM	LAL
Chromium	NELAP	0.96		12.2	mg/Kg-dry	1	4/9/2008 11:22:05 AM	LAL
Lead	NELAP	3.85		87.4	mg/Kg-dry	1	4/9/2008 11:22:05 AM	LAL
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.215		0.285	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Acenaphthylene	NELAP	0.215		4.24	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Anthracene	NELAP	0.215		4.99	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Benzo(a)anthracene	NELAP	0.215		10.7	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Benzo(a)pyrene	NELAP	0.215		8.77	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.215		11.8	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.215		4.05	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.215		4.51	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Chrysene	NELAP	0.215		11.2	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.215		1.55	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Fluoranthene	NELAP	0.215		25.8	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Fluorene	NELAP	0.215		1.33	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.215		4.54	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Naphthalene	NELAP	0.215		0.466	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Phenanthrene	NELAP	0.215		18.7	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Pyrene	NELAP	0.215		19.2	mg/Kg-dry	50	4/8/2008 12:44:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		39.9	%REC	50	4/8/2008 12:44:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		59.9	%REC	50	4/8/2008 12:44:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		79.8	%REC	50	4/8/2008 12:44:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.3		2.1	µg/Kg-dry	1	4/10/2008 8:21:00 AM	JSA
Ethylbenzene	NELAP	6.7		ND	µg/Kg-dry	1	4/10/2008 8:21:00 AM	JSA
Toluene	NELAP	6.7		ND	µg/Kg-dry	1	4/10/2008 8:21:00 AM	JSA
Xylenes, Total	NELAP	6.7		ND	µg/Kg-dry	1	4/10/2008 8:21:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		102.7	%REC	1	4/10/2008 8:21:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		95.9	%REC	1	4/10/2008 8:21:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		96.0	%REC	1	4/10/2008 8:21:00 AM	JSA
Surr: Toluene-d8		80.1-122		98.1	%REC	1	4/10/2008 8:21:00 AM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.61		0.72	mg/Kg-dry	1	4/8/2008	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: 08040238

Client Sample ID: B-831 (1-3 ft)

Lab ID: 08040238-023

Collection Date: 4/3/2008 3:49:00 PM

Report Date: 11-Apr-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	4/8/2008	AET

[Sample Narrative](#)

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-024
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-831 (9-10 ft)
Collection Date: 4/3/2008 4:19:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		14.0	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		86.0	%	1	4/7/2008	HMH
<u>SW-846 3050B, 6010B, METALS BY ICP</u>								
Arsenic	NELAP	2.36		8.22	mg/Kg-dry	1	4/9/2008 11:28:37 AM	LAL
Chromium	NELAP	0.94		10.6	mg/Kg-dry	1	4/9/2008 11:28:37 AM	LAL
Lead	NELAP	3.77		11.0	mg/Kg-dry	1	4/9/2008 11:28:37 AM	LAL
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.387		53.4	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Acenaphthylene	NELAP	0.387		11.0	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Anthracene	NELAP	0.387		33.2	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Benzo(a)anthracene	NELAP	0.387		22.3	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Benzo(a)pyrene	NELAP	0.387		17.1	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.387		18.0	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.387		6.17	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.387		6.95	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Chrysene	NELAP	0.387		20.5	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.387		2.28	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Fluoranthene	NELAP	0.387		54.4	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Fluorene	NELAP	0.387		45.3	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.387		6.30	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Naphthalene	NELAP	0.773		274	mg/Kg-dry	100	4/9/2008 5:58:00 AM	TDN
Phenanthrene	NELAP	0.387		103	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Pyrene	NELAP	0.387		48.9	mg/Kg-dry	50	4/8/2008 1:20:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		69.9	%REC	50	4/8/2008 1:20:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		59.9	%REC	50	4/8/2008 1:20:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		89.8	%REC	50	4/8/2008 1:20:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	849		8450	µg/Kg-dry	500	4/10/2008 4:17:00 AM	JSA
Ethylbenzene	NELAP	4250		32600	µg/Kg-dry	500	4/10/2008 4:17:00 AM	JSA
Toluene	NELAP	4250		18800	µg/Kg-dry	500	4/10/2008 4:17:00 AM	JSA
Xylenes, Total	NELAP	4250		105000	µg/Kg-dry	500	4/10/2008 4:17:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		93.1	%REC	500	4/10/2008 4:17:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		101.7	%REC	500	4/10/2008 4:17:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		97.3	%REC	500	4/10/2008 4:17:00 AM	JSA
Surr: Toluene-d8		80.1-122		98.2	%REC	500	4/10/2008 4:17:00 AM	JSA
<u>SW-846 9010B, 9014</u>								
Cyanide	NELAP	0.56		0.65	mg/Kg-dry	1	4/8/2008	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: 08040238

Client Sample ID: B-831 (9-10 ft)

Lab ID: 08040238-024

Collection Date: 4/3/2008 4:19:00 PM

Report Date: 11-Apr-08

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>SW-846 9014A</u>								
Cyanide, Amenable to Chlorination		0.57		Interference	mg/Kg-dry	1	4/8/2008	AET

[Sample Narrative](#)

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-025
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-831 (10.5-12 ft)
Collection Date: 4/3/2008 4:55:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		15.2	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		84.8	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.388		29.7	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Acenaphthylene	NELAP	0.388		10.0	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Anthracene	NELAP	0.388		20.0	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Benzo(a)anthracene	NELAP	0.388		12.3	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Benzo(a)pyrene	NELAP	0.388		9.94	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.388		10.2	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.388		3.61	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.388		4.14	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Chrysene	NELAP	0.388		11.1	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.388		1.58	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Fluoranthene	NELAP	0.388		33.5	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Fluorene	NELAP	0.388		27.7	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.388		3.64	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Naphthalene	NELAP	0.388		166	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Phenanthrene	NELAP	0.388		62.7	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Pyrene	NELAP	0.388		29.2	mg/Kg-dry	50	4/8/2008 1:56:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		69.9	%REC	50	4/8/2008 1:56:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		59.9	%REC	50	4/8/2008 1:56:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		79.8	%REC	50	4/8/2008 1:56:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	898		6870	µg/Kg-dry	500	4/10/2008 4:48:00 AM	JSA
Ethylbenzene	NELAP	4490		17600	µg/Kg-dry	500	4/10/2008 4:48:00 AM	JSA
Toluene	NELAP	4490		10600	µg/Kg-dry	500	4/10/2008 4:48:00 AM	JSA
Xylenes, Total	NELAP	4490		54200	µg/Kg-dry	500	4/10/2008 4:48:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		91.0	%REC	500	4/10/2008 4:48:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		101.6	%REC	500	4/10/2008 4:48:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		93.5	%REC	500	4/10/2008 4:48:00 AM	JSA
Surr: Toluene-d8		80.1-122		99.0	%REC	500	4/10/2008 4:48:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-026
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-831 (18-20 ft)
Collection Date: 4/3/2008 5:17:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		10.8	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		89.2	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.006	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Anthracene	NELAP	0.004		0.006	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Benzo(a)anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Benzo(a)pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.004	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Chrysene	NELAP	0.004		0.005	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Fluoranthene	NELAP	0.004		0.012	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Fluorene	NELAP	0.004		0.006	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Naphthalene	NELAP	0.004		0.064	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Phenanthrene	NELAP	0.004		0.022	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Pyrene	NELAP	0.004		0.012	mg/Kg-dry	1	4/9/2008 2:14:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		41.5	%REC	1	4/9/2008 2:14:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		49.9	%REC	1	4/9/2008 2:14:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		64.5	%REC	1	4/9/2008 2:14:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		2.1	µg/Kg-dry	1	4/10/2008 8:51:00 AM	JSA
Ethylbenzene	NELAP	4.4	J	1.3	µg/Kg-dry	1	4/10/2008 8:51:00 AM	JSA
Toluene	NELAP	4.4	J	2.5	µg/Kg-dry	1	4/10/2008 8:51:00 AM	JSA
Xylenes, Total	NELAP	4.4	J	4.1	µg/Kg-dry	1	4/10/2008 8:51:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		86.4	%REC	1	4/10/2008 8:51:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		94.3	%REC	1	4/10/2008 8:51:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		89.2	%REC	1	4/10/2008 8:51:00 AM	JSA
Surr: Toluene-d8		80.1-122		99.5	%REC	1	4/10/2008 8:51:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-027
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-832 (2-3 ft)
Collection Date: 4/4/2008 8:53:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		27.4	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		72.6	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.024		0.076	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Acenaphthylene	NELAP	0.024		0.332	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Anthracene	NELAP	0.024		0.718	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Benzo(a)anthracene	NELAP	0.024		1.29	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Benzo(a)pyrene	NELAP	0.024		1.26	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.024		1.59	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.024		0.637	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.024		0.585	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Chrysene	NELAP	0.024		1.19	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.024		0.230	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Fluoranthene	NELAP	0.024		2.44	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Fluorene	NELAP	0.024		0.338	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.024		0.629	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Naphthalene	NELAP	0.024		1.12	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Phenanthrene	NELAP	0.024		1.90	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Pyrene	NELAP	0.024		1.95	mg/Kg-dry	5	4/8/2008 2:33:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		51.9	%REC	5	4/8/2008 2:33:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		61.9	%REC	5	4/8/2008 2:33:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		69.9	%REC	5	4/8/2008 2:33:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.4		6.2	µg/Kg-dry	1	4/10/2008 9:21:00 AM	JSA
Ethylbenzene	NELAP	6.9		ND	µg/Kg-dry	1	4/10/2008 9:21:00 AM	JSA
Toluene	NELAP	6.9	J	1.5	µg/Kg-dry	1	4/10/2008 9:21:00 AM	JSA
Xylenes, Total	NELAP	6.9		ND	µg/Kg-dry	1	4/10/2008 9:21:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		101.5	%REC	1	4/10/2008 9:21:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		92.1	%REC	1	4/10/2008 9:21:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		98.3	%REC	1	4/10/2008 9:21:00 AM	JSA
Surr: Toluene-d8		80.1-122		97.2	%REC	1	4/10/2008 9:21:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

LABORATORY RESULTS

Client: Philip Environmental

WorkOrder: 08040238

Lab ID: 08040238-028

Report Date: 11-Apr-08

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

Client Sample ID: B-832 (7-8 ft)

Collection Date: 4/4/2008 9:09:00 AM

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		22.8	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		77.2	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:59:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		35.7	%REC	1	4/9/2008 12:59:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		48.5	%REC	1	4/9/2008 12:59:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		67.1	%REC	1	4/9/2008 12:59:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.1		ND	µg/Kg-dry	1	4/10/2008 9:51:00 AM	JSA
Ethylbenzene	NELAP	5.6		ND	µg/Kg-dry	1	4/10/2008 9:51:00 AM	JSA
Toluene	NELAP	5.6		ND	µg/Kg-dry	1	4/10/2008 9:51:00 AM	JSA
Xylenes, Total	NELAP	5.6		ND	µg/Kg-dry	1	4/10/2008 9:51:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		101.9	%REC	1	4/10/2008 9:51:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		99.2	%REC	1	4/10/2008 9:51:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		99.0	%REC	1	4/10/2008 9:51:00 AM	JSA
Surr: Toluene-d8		80.1-122		98.9	%REC	1	4/10/2008 9:51:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-029
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-832 (20-21 ft)
Collection Date: 4/4/2008 9:40:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		11.3	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		88.7	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Phenanthrene	NELAP	0.004		0.004	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 1:37:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		48.7	%REC	1	4/9/2008 1:37:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		53.3	%REC	1	4/9/2008 1:37:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		67.5	%REC	1	4/9/2008 1:37:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		1.6	µg/Kg-dry	1	4/10/2008 10:22:00 AM	JSA
Ethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	4/10/2008 10:22:00 AM	JSA
Toluene	NELAP	4.4	J	1.8	µg/Kg-dry	1	4/10/2008 10:22:00 AM	JSA
Xylenes, Total	NELAP	4.4	J	1.1	µg/Kg-dry	1	4/10/2008 10:22:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		102.7	%REC	1	4/10/2008 10:22:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117	S	76.4	%REC	1	4/10/2008 10:22:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		102.8	%REC	1	4/10/2008 10:22:00 AM	JSA
Surr: Toluene-d8		80.1-122		86.6	%REC	1	4/10/2008 10:22:00 AM	JSA

Sample Narrative

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

Surrogate recovery was outside QC limits due to matrix interference.

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-030
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-838 (1-2 ft)
Collection Date: 4/4/2008 11:20:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		24.7	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		75.3	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.019	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Anthracene	NELAP	0.004		0.039	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.113	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.094	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.128	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.046	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.049	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Chrysene	NELAP	0.004		0.117	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		0.018	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Fluoranthene	NELAP	0.004		0.270	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Fluorene	NELAP	0.004		0.010	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.049	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Naphthalene	NELAP	0.004		0.006	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Phenanthrene	NELAP	0.004		0.163	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Pyrene	NELAP	0.004		0.200	mg/Kg-dry	1	4/8/2008 4:21:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		49.9	%REC	1	4/8/2008 4:21:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		57.3	%REC	1	4/8/2008 4:21:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		77.4	%REC	1	4/8/2008 4:21:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.5		ND	µg/Kg-dry	1	4/10/2008 10:52:00 AM	JSA
Ethylbenzene	NELAP	7.3		ND	µg/Kg-dry	1	4/10/2008 10:52:00 AM	JSA
Toluene	NELAP	7.3		ND	µg/Kg-dry	1	4/10/2008 10:52:00 AM	JSA
Xylenes, Total	NELAP	7.3		ND	µg/Kg-dry	1	4/10/2008 10:52:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		102.0	%REC	1	4/10/2008 10:52:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		96.1	%REC	1	4/10/2008 10:52:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		98.9	%REC	1	4/10/2008 10:52:00 AM	JSA
Surr: Toluene-d8		80.1-122		97.9	%REC	1	4/10/2008 10:52:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-031
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-838 (9-10 ft)
Collection Date: 4/4/2008 11:31:00 AM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		18.2	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		81.8	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 9:48:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		49.7	%REC	1	4/8/2008 9:48:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		52.7	%REC	1	4/8/2008 9:48:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		68.1	%REC	1	4/8/2008 9:48:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.0		2.7	µg/Kg-dry	1	4/10/2008 11:22:00 AM	JSA
Ethylbenzene	NELAP	4.9	J	1.8	µg/Kg-dry	1	4/10/2008 11:22:00 AM	JSA
Toluene	NELAP	4.9		6.4	µg/Kg-dry	1	4/10/2008 11:22:00 AM	JSA
Xylenes, Total	NELAP	4.9	J	3.5	µg/Kg-dry	1	4/10/2008 11:22:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		69.1	%REC	1	4/10/2008 11:22:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		111.6	%REC	1	4/10/2008 11:22:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		69.5	%REC	1	4/10/2008 11:22:00 AM	JSA
Surr: Toluene-d8		80.1-122		103.5	%REC	1	4/10/2008 11:22:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-032
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-838 (15-16 ft)
Collection Date: 4/4/2008 12:16:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		12.1	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		87.9	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.369		36.8	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Acenaphthylene	NELAP	0.369		12.7	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Anthracene	NELAP	0.369		27.6	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Benzo(a)anthracene	NELAP	0.369		17.1	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Benzo(a)pyrene	NELAP	0.369		14.1	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.369		14.0	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.369		5.31	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.369		5.34	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Chrysene	NELAP	0.369		15.3	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.369		1.79	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Fluoranthene	NELAP	0.369		41.2	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Fluorene	NELAP	0.369		31.3	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.369		5.10	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Naphthalene	NELAP	1.85		316	mg/Kg-dry	250	4/9/2008 9:54:00 AM	TDN
Phenanthrene	NELAP	0.369		79.9	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Pyrene	NELAP	0.369		38.8	mg/Kg-dry	50	4/8/2008 4:57:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		69.9	%REC	50	4/8/2008 4:57:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		59.9	%REC	50	4/8/2008 4:57:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		79.8	%REC	50	4/8/2008 4:57:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	38.2		1960	µg/Kg-dry	25	4/10/2008 5:18:00 AM	JSA
Ethylbenzene	NELAP	191		2830	µg/Kg-dry	25	4/10/2008 5:18:00 AM	JSA
Toluene	NELAP	191		4330	µg/Kg-dry	25	4/10/2008 5:18:00 AM	JSA
Xylenes, Total	NELAP	191		10800	µg/Kg-dry	25	4/10/2008 5:18:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		101.2	%REC	25	4/10/2008 5:18:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		108.2	%REC	25	4/10/2008 5:18:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		100.6	%REC	25	4/10/2008 5:18:00 AM	JSA
Surr: Toluene-d8		80.1-122		109.7	%REC	25	4/10/2008 5:18:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-033
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-838 (29-30 ft)
Collection Date: 4/4/2008 12:52:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		10.4	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		89.6	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		0.052	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.021	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Anthracene	NELAP	0.004		0.045	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.034	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.027	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.028	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.012	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.010	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Chrysene	NELAP	0.004		0.030	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		0.004	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Fluoranthene	NELAP	0.004		0.078	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Fluorene	NELAP	0.004		0.049	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.011	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Naphthalene	NELAP	0.004		0.388	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Phenanthrene	NELAP	0.004		0.149	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Pyrene	NELAP	0.004		0.073	mg/Kg-dry	1	4/8/2008 5:33:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		57.7	%REC	1	4/8/2008 5:33:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		57.9	%REC	1	4/8/2008 5:33:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		71.1	%REC	1	4/8/2008 5:33:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.8		1.5	µg/Kg-dry	1	4/10/2008 11:51:00 AM	JSA
Ethylbenzene	NELAP	3.9	J	0.9	µg/Kg-dry	1	4/10/2008 11:51:00 AM	JSA
Toluene	NELAP	3.9	J	2.1	µg/Kg-dry	1	4/10/2008 11:51:00 AM	JSA
Xylenes, Total	NELAP	3.9	J	2.9	µg/Kg-dry	1	4/10/2008 11:51:00 AM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		98.3	%REC	1	4/10/2008 11:51:00 AM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		80.5	%REC	1	4/10/2008 11:51:00 AM	JSA
Surr: Dibromofluoromethane		66.6-130		99.2	%REC	1	4/10/2008 11:51:00 AM	JSA
Surr: Toluene-d8		80.1-122		94.0	%REC	1	4/10/2008 11:51:00 AM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-034
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-820 (8.5-9.5 ft)
Collection Date: 4/4/2008 1:41:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		22.6	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		77.4	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 11:43:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		53.7	%REC	1	4/8/2008 11:43:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		54.7	%REC	1	4/8/2008 11:43:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		70.3	%REC	1	4/8/2008 11:43:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.0		ND	µg/Kg-dry	1	4/10/2008 12:21:00 PM	JSA
Ethylbenzene	NELAP	5.1		ND	µg/Kg-dry	1	4/10/2008 12:21:00 PM	JSA
Toluene	NELAP	5.1		ND	µg/Kg-dry	1	4/10/2008 12:21:00 PM	JSA
Xylenes, Total	NELAP	5.1		ND	µg/Kg-dry	1	4/10/2008 12:21:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		102.3	%REC	1	4/10/2008 12:21:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		96.9	%REC	1	4/10/2008 12:21:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		99.8	%REC	1	4/10/2008 12:21:00 PM	JSA
Surr: Toluene-d8		80.1-122		98.5	%REC	1	4/10/2008 12:21:00 PM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-035
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-820 (1-2 ft)
Collection Date: 4/4/2008 2:41:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		19.7	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		80.3	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Acenaphthylene	NELAP	0.004		0.011	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Benzo(a)anthracene	NELAP	0.004		0.008	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Benzo(a)pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Benzo(b)fluoranthene	NELAP	0.004		0.017	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		0.012	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Benzo(k)fluoranthene	NELAP	0.004		0.006	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Chrysene	NELAP	0.004		0.008	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Fluoranthene	NELAP	0.004		0.012	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.010	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Naphthalene	NELAP	0.004		0.005	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Phenanthrene	NELAP	0.004		0.007	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Pyrene	NELAP	0.004		0.014	mg/Kg-dry	1	4/8/2008 6:08:00 PM	TDN
Surr: 2-Fluorobiphenyl		10-131		54.5	%REC	1	4/8/2008 6:08:00 PM	TDN
Surr: Nitrobenzene-d5		10-132		57.1	%REC	1	4/8/2008 6:08:00 PM	TDN
Surr: p-Terphenyl-d14		30.6-131		62.7	%REC	1	4/8/2008 6:08:00 PM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	1.2		1.3	µg/Kg-dry	1	4/10/2008 12:52:00 PM	JSA
Ethylbenzene	NELAP	6.0		ND	µg/Kg-dry	1	4/10/2008 12:52:00 PM	JSA
Toluene	NELAP	6.0		ND	µg/Kg-dry	1	4/10/2008 12:52:00 PM	JSA
Xylenes, Total	NELAP	6.0		ND	µg/Kg-dry	1	4/10/2008 12:52:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		102.7	%REC	1	4/10/2008 12:52:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		90.8	%REC	1	4/10/2008 12:52:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		98.8	%REC	1	4/10/2008 12:52:00 PM	JSA
Surr: Toluene-d8		80.1-122		97.3	%REC	1	4/10/2008 12:52:00 PM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

LABORATORY RESULTS

Client: Philip Environmental
WorkOrder: 08040238
Lab ID: 08040238-036
Report Date: 11-Apr-08

Client Project: A831-735002-012901-225/IP Champ
Client Sample ID: B-820 (25-26 ft)
Collection Date: 4/4/2008 2:53:00 PM
Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>ASTM D2974</u>								
Percent Moisture		0.1		11.1	%	1	4/7/2008	HMH
<u>STANDARD METHODS 18TH ED. 2540 G</u>								
Total Solids		0.1		88.9	%	1	4/7/2008	HMH
<u>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Phenanthrene	NELAP	0.004		0.007	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	4/9/2008 12:21:00 AM	TDN
Surr: 2-Fluorobiphenyl		10-131		49.7	%REC	1	4/9/2008 12:21:00 AM	TDN
Surr: Nitrobenzene-d5		10-132		49.9	%REC	1	4/9/2008 12:21:00 AM	TDN
Surr: p-Terphenyl-d14		30.6-131		67.3	%REC	1	4/9/2008 12:21:00 AM	TDN
<u>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</u>								
Benzene	NELAP	0.9		1.7	µg/Kg-dry	1	4/10/2008 1:22:00 PM	JSA
Ethylbenzene	NELAP	4.6		ND	µg/Kg-dry	1	4/10/2008 1:22:00 PM	JSA
Toluene	NELAP	4.6	J	1.7	µg/Kg-dry	1	4/10/2008 1:22:00 PM	JSA
Xylenes, Total	NELAP	4.6		ND	µg/Kg-dry	1	4/10/2008 1:22:00 PM	JSA
Surr: 1,2-Dichloroethane-d4		61-128		96.7	%REC	1	4/10/2008 1:22:00 PM	JSA
Surr: 4-Bromofluorobenzene		78.2-117		80.6	%REC	1	4/10/2008 1:22:00 PM	JSA
Surr: Dibromofluoromethane		66.6-130		98.4	%REC	1	4/10/2008 1:22:00 PM	JSA
Surr: Toluene-d8		80.1-122		91.8	%REC	1	4/10/2008 1:22:00 PM	JSA

Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

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

Client: Philip Environmental
Project: A831-735002-012901-225/IP Champaign 62403053
Lab Order: 08040238
Report Date: 11-Apr-08

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040238-001A	B-824 (1-3 ft)	4/4/2008	Solid	SW-846 3050B, 6010B, Metals by ICP	4/8/2008	4/9/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
08040238-001B				ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 9010B, 9014	4/7/2008	4/8/2008
				SW-846 9014A	4/7/2008	4/8/2008
08040238-001E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008
08040238-002A	B-824 (9-10 ft)			SW-846 3050B, 6010B, Metals by ICP	4/8/2008	4/9/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
08040238-002B				ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 9010B, 9014	4/7/2008	4/8/2008
				SW-846 9014A	4/7/2008	4/8/2008
08040238-002E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008
08040238-003A	B-824 (23-24 ft)			SW-846 3050B, 6010B, Metals by ICP	4/8/2008	4/9/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
08040238-003B				ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 9010B, 9014	4/7/2008	4/8/2008
				SW-846 9014A	4/7/2008	4/8/2008
08040238-003E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008
08040238-004A	B-821 (9-10 ft)			ASTM D2974		4/7/2008

ENVIRONMENTAL TESTING LABORATORY

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Client: Philip Environmental
Project: A831-735002-012901-225/IP Champaign 62403053
Lab Order: 08040238
Report Date: 11-Apr-08

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040238-004A	B-821 (9-10 ft)	4/4/2008	Solid	Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
08040238-004D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008
08040238-005A	B-821 (0.5-3 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
08040238-005D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008
08040238-006A	B-821 (19-20 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
08040238-006D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008
08040238-007A	B-835 (28-29 ft)	4/3/2008		SW-846 3050B, 6010B, Metals by ICP	4/8/2008	4/9/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
08040238-007B				ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 9010B, 9014	4/7/2008	4/8/2008
				SW-846 9014A	4/7/2008	4/8/2008
08040238-007E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008
08040238-008A	B-825 (2-3 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/7/2008
08040238-008D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008

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: 08040238

Report Date: 11-Apr-08

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040238-009A	B-825 (8-9 ft)	4/3/2008	Solid	ASTM D2974		4/8/2008
				Standard Methods 18th Ed. 2540 G		4/8/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-009D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008
08040238-010A	B-825 (18-19 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-010D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008
08040238-011A	B-825 (25-26 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3050B, 6010B, Metals by ICP	4/8/2008	4/9/2008
				SW-846 9010B, 9014	4/7/2008	4/8/2008
				SW-846 9014A	4/7/2008	4/8/2008
08040238-012A	B-826 (2-3 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-012D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008
08040238-013A	B-826 (8-9 ft)			ASTM D2974		4/8/2008
				Standard Methods 18th Ed. 2540 G		4/8/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
				SW-846 9045C		4/10/2008
08040238-013D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
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Client: Philip Environmental
Project: A831-735002-012901-225/IP Champaign 62403053
Lab Order: 08040238
Report Date: 11-Apr-08

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040238-014A	B-826 (16-17 ft)	4/3/2008	Solid	ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
				SW-846 9045C		4/10/2008
08040238-014D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008
08040238-015A	B-828 (2-3 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-015D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008
08040238-016A	B-828-DUP (2-3 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-016D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-017A	B-828 (9-10 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-017D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-018A	B-828 (12-13 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-018D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/9/2008
08040238-019A	B-828 (17-18 ft)			ASTM D2974		4/7/2008

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: 08040238

Report Date: 11-Apr-08

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040238-019A	B-828 (17-18 ft)	4/3/2008	Solid	Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-019D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-020A	B-830 (2-3 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-020D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-021A	B-830 (8-9 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-021D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-022A	B-830 (28-30 ft)			SW-846 3050B, 6010B, Metals by ICP	4/8/2008	4/9/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-022B				ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 9010B, 9014	4/7/2008	4/8/2008
				SW-846 9014A	4/7/2008	4/8/2008
08040238-022E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-023A	B-831 (1-3 ft)			SW-846 3050B, 6010B, Metals by ICP	4/8/2008	4/9/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-023B				ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008

ENVIRONMENTAL TESTING LABORATORY

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

Client: Philip Environmental
Project: A831-735002-012901-225/IP Champaign 62403053
Lab Order: 08040238
Report Date: 11-Apr-08

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040238-023B	B-831 (1-3 ft)	4/3/2008	Solid	SW-846 9010B, 9014	4/7/2008	4/8/2008
				SW-846 9014A	4/7/2008	4/8/2008
08040238-023E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-024A	B-831 (9-10 ft)			SW-846 3050B, 6010B, Metals by ICP	4/8/2008	4/9/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/9/2008
08040238-024B				ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 9010B, 9014	4/7/2008	4/8/2008
				SW-846 9014A	4/7/2008	4/8/2008
08040238-024E				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-025A	B-831 (10.5-12 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-025D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-026A	B-831 (18-20 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/9/2008
08040238-026D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-027A	B-832 (2-3 ft)	4/4/2008		ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

Client: Philip Environmental

DATES REPORT

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

Lab Order: 08040238

Report Date: 11-Apr-08

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040238-027D	B-832 (2-3 ft)	4/4/2008	Solid	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-028A	B-832 (7-8 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/9/2008
08040238-028D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-029A	B-832 (20-21 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/9/2008
08040238-029D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-030A	B-838 (1-2 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-030D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-031A	B-838 (9-10 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-031D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-032A	B-838 (15-16 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/9/2008
08040238-032D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008

ENVIRONMENTAL TESTING LABORATORY

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

Client: Philip Environmental
Project: A831-735002-012901-225/IP Champaign 62403053
Lab Order: 08040238
Report Date: 11-Apr-08

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Prep Date	Analysis Date
08040238-033A	B-838 (29-30 ft)	4/4/2008	Solid	ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-033D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-034A	B-820 (8.5-9.5 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-034D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-035A	B-820 (1-2 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/8/2008
08040238-035D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008
08040238-036A	B-820 (25-26 ft)			ASTM D2974		4/7/2008
				Standard Methods 18th Ed. 2540 G		4/7/2008
				SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS	4/7/2008	4/9/2008
08040238-036D				SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS	4/9/2008	4/10/2008

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: 08040238

Report Date: 11-Apr-08

ANALYTICAL QC SUMMARY REPORT

TestCode: I_ACN_S_MT

Sample ID: MB-43951	SampType: MBLK	Units: mg/Kg	Prep Date: 4/7/2008	RunNo: 106595							
Client ID: ZZZZZZ	Batch ID: 43951	SOP2092	Analysis Date: 4/8/2008	SeqNo: 1903757							
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-43951	SampType: LCS	Units: mg/Kg	Prep Date: 4/7/2008	RunNo: 106595							
Client ID: ZZZZZZ	Batch ID: 43951	SOP2092	Analysis Date: 4/8/2008	SeqNo: 1903758							
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	101.4	85	115				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: I_TCN_S_MT

Lab Order: 08040238

Report Date: 11-Apr-08

Sample ID: 08040238-007BMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 4/7/2008	RunNo: 106589							
Client ID: B-835 (28-29 ft)MS	Batch ID: 43953	SW9010	Analysis Date: 4/8/2008	SeqNo: 1903714							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	6.46	0.55	5.472	0.5890	107.2	80	120				
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Sample ID: 08040238-007BMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 4/7/2008	RunNo: 106589							
Client ID: B-835 (28-29 ft)MSD	Batch ID: 43953	SW9010	Analysis Date: 4/8/2008	SeqNo: 1903715							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	6.05	0.51	5.142	0.5890	106.2	80	120	6.458	6.56	20	
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Sample ID: MB-43953	SampType: MBLK	Units: mg/Kg	Prep Date: 4/7/2008	RunNo: 106589							
Client ID: ZZZZZZ	Batch ID: 43953	SW9010	Analysis Date: 4/8/2008	SeqNo: 1904431							
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-43953	SampType: LCS	Units: mg/Kg	Prep Date: 4/7/2008	RunNo: 106589							
Client ID: ZZZZZZ	Batch ID: 43953	SW9010	Analysis Date: 4/8/2008	SeqNo: 1904432							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.20	0.01	0.2000	0	101.4	85	115				
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Sample ID: LCS-43953	SampType: LCS	Units: mg/Kg	Prep Date: 4/7/2008	RunNo: 106589							
Client ID: ZZZZZZ	Batch ID: 43953	SW9010	Analysis Date: 4/8/2008	SeqNo: 1904433							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Cyanide	0.20	0.01	0.2000	0	98.5	85	115	0.2027	2.91	15	
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Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: I_TS_M_MT

Lab Order: 08040238

Report Date: 11-Apr-08

Sample ID: LCS-R106529	SampType: LCS	Units: %	Prep Date:	RunNo: 106529							
Client ID: ZZZZZZ	Batch ID: R106529		Analysis Date: 4/7/2008	SeqNo: 1902345							
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: 106529							
Client ID: ZZZZZZ	Batch ID: R106529		Analysis Date: 4/7/2008	SeqNo: 1902346							
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: LCS-R106529	SampType: LCS	Units: %	Prep Date:	RunNo: 106529							
Client ID: ZZZZZZ	Batch ID: R106529		Analysis Date: 4/7/2008	SeqNo: 1902349							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	1.0	0.1	1.000	0	100	90	110				

Sample ID: LCSQC	SampType: LCSQC	Units: %	Prep Date:	RunNo: 106529							
Client ID: ZZZZZZ	Batch ID: R106529		Analysis Date: 4/7/2008	SeqNo: 1902350							
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: 08040238-005ADUP	SampType: DUP	Units: %	Prep Date:	RunNo: 106529							
Client ID: B-821 (0.5-3 ft)DUP	Batch ID: R106529		Analysis Date: 4/7/2008	SeqNo: 1902390							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	82.2	0.1						82.47	0.340	15	

Sample ID: 08040238-026ADUP	SampType: DUP	Units: %	Prep Date:	RunNo: 106529							
Client ID: B-831 (18-20 ft)DUP	Batch ID: R106529		Analysis Date: 4/7/2008	SeqNo: 1902410							
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_TS_M_MT

Lab Order: 08040238

Report Date: 11-Apr-08

Sample ID: 08040238-026ADUP	SampType: DUP	Units: %	Prep Date:	RunNo: 106529							
Client ID: B-831 (18-20 ft)DUP	Batch ID: R106529		Analysis Date: 4/7/2008	SeqNo: 1902410							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	89.5	0.1						89.17	0.325	15	

Sample ID: LCS-R106561	SampType: LCS	Units: %	Prep Date:	RunNo: 106561							
Client ID: ZZZZZZ	Batch ID: R106561		Analysis Date: 4/8/2008	SeqNo: 1903133							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	1.0	0.1	1.000	0	100	90	110				

Sample ID: LCSQC	SampType: LCSQC	Units: %	Prep Date:	RunNo: 106561							
Client ID: ZZZZZZ	Batch ID: R106561		Analysis Date: 4/8/2008	SeqNo: 1903134							
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: 08040238-013ADUP	SampType: DUP	Units: %	Prep Date:	RunNo: 106561							
Client ID: B-826 (8-9 ft)DUP	Batch ID: R106561		Analysis Date: 4/8/2008	SeqNo: 1903137							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Solids	83.3	0.1						84.16	1.03	15	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: L_PH_S_M

Lab Order: 08040238

Report Date: 11-Apr-08

Sample ID: LCS-R106646	SampType: LCS	Units:	Prep Date:	RunNo: 106646							
Client ID: ZZZZZZ	Batch ID: R106646		Analysis Date: 4/10/2008	SeqNo: 1904984							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH (1:1)	7.01	1.00	7.000	0	100.1	99.1	100.9				

Sample ID: 08040238-014ADUP	SampType: DUP	Units:	Prep Date:	RunNo: 106646							
Client ID: B-826 (16-17 ft)DUP	Batch ID: R106646		Analysis Date: 4/10/2008	SeqNo: 1904987							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH (1:1)	8.15	1.00						8.210	0.733	10	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: M_SOLIDS_ICP

Lab Order: 08040238

Report Date: 11-Apr-08

Sample ID: MB-43905	SampType: MBLK	Units: mg/Kg-dry	Prep Date: 4/8/2008	RunNo: 106552							
Client ID: ZZZZZZ	Batch ID: 43905	SOP 3032	Analysis Date: 4/9/2008	SeqNo: 1903271							
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-43905	SampType: LCS	Units: mg/Kg-dry	Prep Date: 4/8/2008	RunNo: 106552							
Client ID: ZZZZZZ	Batch ID: 43905	SOP 3032	Analysis Date: 4/9/2008	SeqNo: 1903272							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	208	2.50	200.0	0	103.9	85	115				
Chromium	20.6	1.00	20.00	0	102.9	85	115				
Lead	49.6	4.00	50.00	0	99.2	85	115				

Sample ID: 08040238-003AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 4/8/2008	RunNo: 106552							
Client ID: B-824 (23-24 ft)MS	Batch ID: 43905	SOP 3032	Analysis Date: 4/9/2008	SeqNo: 1903277							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	190	2.45	196.1	8.176	92.8	75	125				
Chromium	33.3	0.98	19.61	15.49	90.8	75	125				
Lead	48.9	3.92	49.02	10.52	78.3	75	125				

Sample ID: 08040238-003AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 4/8/2008	RunNo: 106552							
Client ID: B-824 (23-24 ft)MSD	Batch ID: 43905	SOP 3032	Analysis Date: 4/9/2008	SeqNo: 1903278							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	192	2.45	196.1	8.176	93.6	75	125	190.1	0.873	20	
Chromium	31.4	0.98	19.61	15.49	81.1	75	125	33.29	5.88	20	
Lead	47.8	3.92	49.02	10.52	76.0	75	125	48.89	2.31	20	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08040238

Report Date: 11-Apr-08

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

Sample ID: LCS-43881	SampType: LCS	Units: mg/Kg	Prep Date: 4/7/2008	RunNo: 106478							
Client ID: ZZZZZZ	Batch ID: 43881	SW3550B	Analysis Date: 4/7/2008	SeqNo: 1901586							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.110	0.003	0.1670	0	66.1	56.3	115				
Acenaphthylene	0.134	0.003	0.1670	0	80.5	60.3	143				
Anthracene	0.106	0.003	0.1670	0	63.2	52.1	109				
Benzo(a)anthracene	0.109	0.003	0.1670	0	65.0	52.8	112				
Benzo(a)pyrene	0.111	0.003	0.1670	0	66.6	40.8	127				
Benzo(b)fluoranthene	0.126	0.003	0.1670	0	75.3	50.1	150				
Benzo(g,h,i)perylene	0.123	0.003	0.1670	0	73.6	52.8	145				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08040238

Report Date: 11-Apr-08

Sample ID: LCS-43881		SampType: LCS		Units: mg/Kg		Prep Date: 4/7/2008		RunNo: 106478			
Client ID: ZZZZZZ		Batch ID: 43881		SW3550B		Analysis Date: 4/7/2008		SeqNo: 1901586			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(k)fluoranthene	0.128	0.003	0.1670	0	76.9	52	153				
Chrysene	0.120	0.003	0.1670	0	71.6	60.8	128				
Dibenzo(a,h)anthracene	0.122	0.003	0.1670	0	73.1	54.9	150				
Fluoranthene	0.114	0.003	0.1670	0	68.4	58.7	125				
Fluorene	0.116	0.003	0.1670	0	69.6	57.8	125				
Indeno(1,2,3-cd)pyrene	0.120	0.003	0.1670	0	71.9	52	147				
Naphthalene	0.091	0.003	0.1670	0	54.7	54.8	113				S
Phenanthrene	0.115	0.003	0.1670	0	68.8	60.4	121				
Pyrene	0.117	0.003	0.1670	0	70.2	57.9	129				
Surr: 2-Fluorobiphenyl	0.115		0.1670		69.1	35.3	113				
Surr: Nitrobenzene-d5	0.106		0.1670		63.7	33.9	108				
Surr: p-Terphenyl-d14	0.118		0.1670		70.7	58.4	122				

Sample ID: MB-43897		SampType: MBLK		Units: mg/Kg		Prep Date: 4/7/2008		RunNo: 106538			
Client ID: ZZZZZZ		Batch ID: 43897		SW3550B		Analysis Date: 4/8/2008		SeqNo: 1902677			
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									

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08040238

Report Date: 11-Apr-08

Sample ID: MB-43897	SampType: MBLK	Units: mg/Kg	Prep Date: 4/7/2008	RunNo: 106538							
Client ID: ZZZZZZ	Batch ID: 43897	SW3550B	Analysis Date: 4/8/2008	SeqNo: 1902677							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	ND	0.003									
Pyrene	ND	0.003									
Surr: 2-Fluorobiphenyl	0.118		0.1670		70.5	17.5	123				
Surr: Nitrobenzene-d5	0.108		0.1670		64.7	35	105				
Surr: p-Terphenyl-d14	0.126		0.1670		75.2	53.6	122				

Sample ID: LCS-43897	SampType: LCS	Units: mg/Kg	Prep Date: 4/7/2008	RunNo: 106538							
Client ID: ZZZZZZ	Batch ID: 43897	SW3550B	Analysis Date: 4/8/2008	SeqNo: 1902678							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.123	0.003	0.1670	0	73.7	56.3	115				
Acenaphthylene	0.144	0.003	0.1670	0	85.9	60.3	143				
Anthracene	0.120	0.003	0.1670	0	72.0	52.1	109				
Benzo(a)anthracene	0.128	0.003	0.1670	0	76.7	52.8	112				
Benzo(a)pyrene	0.126	0.003	0.1670	0	75.7	40.8	127				
Benzo(b)fluoranthene	0.138	0.003	0.1670	0	82.9	50.1	150				
Benzo(g,h,i)perylene	0.139	0.003	0.1670	0	83.4	52.8	145				
Benzo(k)fluoranthene	0.142	0.003	0.1670	0	84.9	52	153				
Chrysene	0.145	0.003	0.1670	0	87.1	60.8	128				
Dibenzo(a,h)anthracene	0.142	0.003	0.1670	0	85.1	54.9	150				
Fluoranthene	0.124	0.003	0.1670	0	74.0	58.7	125				
Fluorene	0.130	0.003	0.1670	0	77.6	57.8	125				
Indeno(1,2,3-cd)pyrene	0.139	0.003	0.1670	0	83.2	52	147				
Naphthalene	0.111	0.003	0.1670	0	66.4	54.8	113				
Phenanthrene	0.130	0.003	0.1670	0	77.7	60.4	121				
Pyrene	0.130	0.003	0.1670	0	77.7	57.9	129				
Surr: 2-Fluorobiphenyl	0.113		0.1670		67.5	35.3	113				
Surr: Nitrobenzene-d5	0.112		0.1670		66.9	33.9	108				
Surr: p-Terphenyl-d14	0.120		0.1670		71.7	58.4	122				

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08040238

Report Date: 11-Apr-08

Sample ID: MB-43900	SampType: MBLK	Units: mg/Kg	Prep Date: 4/7/2008	RunNo: 106538							
Client ID: ZZZZZZ	Batch ID: 43900	SW3550B	Analysis Date: 4/8/2008	SeqNo: 1902679							
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	0.127		0.1670		76.2	17.5	123				
Surr: Nitrobenzene-d5	0.107		0.1670		64.3	35	105				
Surr: p-Terphenyl-d14	0.144		0.1670		86.0	53.6	122				

Sample ID: LCS-43900	SampType: LCS	Units: mg/Kg	Prep Date: 4/7/2008	RunNo: 106538							
Client ID: ZZZZZZ	Batch ID: 43900	SW3550B	Analysis Date: 4/8/2008	SeqNo: 1902680							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.130	0.003	0.1670	0	78.0	56.3	115				
Acenaphthylene	0.148	0.003	0.1670	0	88.5	60.3	143				
Anthracene	0.124	0.003	0.1670	0	74.4	52.1	109				
Benzo(a)anthracene	0.130	0.003	0.1670	0	77.9	52.8	112				
Benzo(a)pyrene	0.131	0.003	0.1670	0	78.6	40.8	127				
Benzo(b)fluoranthene	0.144	0.003	0.1670	0	86.0	50.1	150				
Benzo(g,h,i)perylene	0.144	0.003	0.1670	0	86.2	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: 08040238

Report Date: 11-Apr-08

Sample ID: LCS-43900		SampType: LCS		Units: mg/Kg		Prep Date: 4/7/2008			RunNo: 106538		
Client ID: ZZZZZZ		Batch ID: 43900		SW3550B		Analysis Date: 4/8/2008			SeqNo: 1902680		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(k)fluoranthene	0.144	0.003	0.1670	0	86.5	52	153				
Chrysene	0.143	0.003	0.1670	0	85.8	60.8	128				
Dibenzo(a,h)anthracene	0.146	0.003	0.1670	0	87.5	54.9	150				
Fluoranthene	0.133	0.003	0.1670	0	79.4	58.7	125				
Fluorene	0.134	0.003	0.1670	0	80.2	57.8	125				
Indeno(1,2,3-cd)pyrene	0.144	0.003	0.1670	0	86.4	52	147				
Naphthalene	0.113	0.003	0.1670	0	67.8	54.8	113				
Phenanthrene	0.137	0.003	0.1670	0	81.8	60.4	121				
Pyrene	0.138	0.003	0.1670	0	82.4	57.9	129				
Surr: 2-Fluorobiphenyl	0.114		0.1670		68.1	35.3	113				
Surr: Nitrobenzene-d5	0.112		0.1670		67.1	33.9	108				
Surr: p-Terphenyl-d14	0.127		0.1670		76.2	58.4	122				

Sample ID: 08040238-010AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 4/7/2008			RunNo: 106538		
Client ID: B-825 (18-19 ft)MS		Batch ID: 43897		SW3550B		Analysis Date: 4/8/2008			SeqNo: 1902682		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.120	0.004	0.1854	0	64.9	36	135				
Acenaphthylene	0.140	0.004	0.1854	0	75.4	17.2	167				
Anthracene	0.123	0.004	0.1854	0	66.6	39.3	124				
Benzo(a)anthracene	0.130	0.004	0.1854	0	70.2	10	183				
Benzo(a)pyrene	0.133	0.004	0.1854	0	71.9	10	204				
Benzo(b)fluoranthene	0.142	0.004	0.1854	0	76.6	10.6	178				
Benzo(g,h,i)perylene	0.144	0.004	0.1854	0	77.5	10	168				
Benzo(k)fluoranthene	0.145	0.004	0.1854	0	78.4	27.6	181				
Chrysene	0.148	0.004	0.1854	0	79.9	10	176				
Dibenzo(a,h)anthracene	0.148	0.004	0.1854	0	80.0	12.2	156				
Fluoranthene	0.129	0.004	0.1854	0	69.4	10	227				
Fluorene	0.123	0.004	0.1854	0	66.3	35.2	148				
Indeno(1,2,3-cd)pyrene	0.142	0.004	0.1854	0	76.8	10	164				
Naphthalene	0.108	0.004	0.1854	0	58.4	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: 08040238

Report Date: 11-Apr-08

Sample ID: 08040238-010AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 4/7/2008	RunNo: 106538							
Client ID: B-825 (18-19 ft)MS	Batch ID: 43897	SW3550B	Analysis Date: 4/8/2008	SeqNo: 1902682							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	0.136	0.004	0.1854	0	73.6	32.8	143				
Pyrene	0.136	0.004	0.1854	0	73.4	10	180				
Surr: 2-Fluorobiphenyl	0.124		0.1854		66.9	10	131				
Surr: Nitrobenzene-d5	0.117		0.1854		63.3	10	132				
Surr: p-Terphenyl-d14	0.132		0.1854		71.1	30.6	131				

Sample ID: 08040238-010AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 4/7/2008	RunNo: 106538							
Client ID: B-825 (18-19 ft)MSD	Batch ID: 43897	SW3550B	Analysis Date: 4/8/2008	SeqNo: 1902683							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.121	0.004	0.1876	0	64.6	36	135	0.1203	0.696	49.7	
Acenaphthylene	0.143	0.004	0.1876	0	76.0	17.2	167	0.1398	1.98	33.3	
Anthracene	0.121	0.004	0.1876	0	64.7	39.3	124	0.1235	1.70	51.1	
Benzo(a)anthracene	0.129	0.004	0.1876	0	68.8	10	183	0.1302	0.881	40.6	
Benzo(a)pyrene	0.129	0.004	0.1876	0	68.7	10	204	0.1333	3.44	56.4	
Benzo(b)fluoranthene	0.143	0.004	0.1876	0	76.4	10.6	178	0.1420	0.924	49.7	
Benzo(g,h,i)perylene	0.149	0.004	0.1876	0	79.4	10	168	0.1438	3.60	36.5	
Benzo(k)fluoranthene	0.147	0.004	0.1876	0	78.3	27.6	181	0.1454	0.980	42.6	
Chrysene	0.148	0.004	0.1876	0	79.1	10	176	0.1481	0.129	45.1	
Dibenzo(a,h)anthracene	0.150	0.004	0.1876	0	79.9	12.2	156	0.1484	1.01	39.9	
Fluoranthene	0.126	0.004	0.1876	0	67.2	10	227	0.1287	2.00	66.2	
Fluorene	0.129	0.004	0.1876	0	68.6	35.2	148	0.1229	4.62	65.6	
Indeno(1,2,3-cd)pyrene	0.147	0.004	0.1876	0	78.6	10	164	0.1424	3.50	36.5	
Naphthalene	0.106	0.004	0.1876	0	56.3	14.7	128	0.1083	2.46	39.6	
Phenanthrene	0.134	0.004	0.1876	0	71.3	32.8	143	0.1364	2.01	35.4	
Pyrene	0.132	0.004	0.1876	0	70.4	10	180	0.1361	3.04	60.1	
Surr: 2-Fluorobiphenyl	0.128		0.1876		68.1	10	131		0	40	
Surr: Nitrobenzene-d5	0.118		0.1876		62.9	10	132		0	40	
Surr: p-Terphenyl-d14	0.137		0.1876		73.3	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: 08040238

Report Date: 11-Apr-08

Sample ID: 08040238-031AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 4/7/2008		RunNo: 106538			
Client ID: B-838 (9-10 ft)MS		Batch ID: 43900		SW3550B		Analysis Date: 4/8/2008		SeqNo: 1902918			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.124	0.004	0.2020	0	61.2	36	135				
Acenaphthylene	0.139	0.004	0.2020	0	68.6	17.2	167				
Anthracene	0.120	0.004	0.2020	0	59.2	39.3	124				
Benzo(a)anthracene	0.126	0.004	0.2020	0	62.4	10	183				
Benzo(a)pyrene	0.130	0.004	0.2020	0	64.6	10	204				
Benzo(b)fluoranthene	0.143	0.004	0.2020	0	71.0	10.6	178				
Benzo(g,h,i)perylene	0.139	0.004	0.2020	0	68.9	10	168				
Benzo(k)fluoranthene	0.147	0.004	0.2020	0	73.0	27.6	181				
Chrysene	0.144	0.004	0.2020	0	71.2	10	176				
Dibenzo(a,h)anthracene	0.143	0.004	0.2020	0	70.8	12.2	156				
Fluoranthene	0.124	0.004	0.2020	0	61.3	10	227				
Fluorene	0.125	0.004	0.2020	0	61.8	35.2	148				
Indeno(1,2,3-cd)pyrene	0.141	0.004	0.2020	0	69.9	10	164				
Naphthalene	0.101	0.004	0.2020	0	49.9	14.7	128				
Phenanthrene	0.130	0.004	0.2020	0	64.6	32.8	143				
Pyrene	0.129	0.004	0.2020	0	63.7	10	180				
Surr: 2-Fluorobiphenyl	0.121		0.2020		59.7	10	131				
Surr: Nitrobenzene-d5	0.112		0.2020		55.5	10	132				
Surr: p-Terphenyl-d14	0.132		0.2020		65.3	30.6	131				

Sample ID: 08040238-031AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 4/7/2008		RunNo: 106538			
Client ID: B-838 (9-10 ft)MSD		Batch ID: 43900		SW3550B		Analysis Date: 4/8/2008		SeqNo: 1902919			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.131	0.004	0.2037	0	64.2	36	135	0.1236	5.57	49.7	
Acenaphthylene	0.155	0.004	0.2037	0	75.9	17.2	167	0.1386	11.0	33.3	
Anthracene	0.125	0.004	0.2037	0	61.4	39.3	124	0.1196	4.53	51.1	
Benzo(a)anthracene	0.137	0.004	0.2037	0	67.0	10	183	0.1261	7.98	40.6	
Benzo(a)pyrene	0.136	0.004	0.2037	0	66.8	10	204	0.1304	4.24	56.4	
Benzo(b)fluoranthene	0.148	0.004	0.2037	0	72.7	10.6	178	0.1434	3.20	49.7	
Benzo(g,h,i)perylene	0.144	0.004	0.2037	0	70.9	10	168	0.1391	3.69	36.5	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: SV_8270S_S_SIMS

Lab Order: 08040238

Report Date: 11-Apr-08

Sample ID: 08040238-031AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 4/7/2008		RunNo: 106538			
Client ID: B-838 (9-10 ft)MSD		Batch ID: 43900		SW3550B		Analysis Date: 4/8/2008		SeqNo: 1902919			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(k)fluoranthene	0.155	0.004	0.2037	0	75.9	27.6	181	0.1475	4.80	42.6	
Chrysene	0.155	0.004	0.2037	0	76.0	10	176	0.1438	7.42	45.1	
Dibenzo(a,h)anthracene	0.150	0.004	0.2037	0	73.8	12.2	156	0.1430	4.95	39.9	
Fluoranthene	0.136	0.004	0.2037	0	66.7	10	227	0.1239	9.25	66.2	
Fluorene	0.137	0.004	0.2037	0	67.4	35.2	148	0.1249	9.48	65.6	
Indeno(1,2,3-cd)pyrene	0.148	0.004	0.2037	0	72.6	10	164	0.1411	4.73	36.5	
Naphthalene	0.112	0.004	0.2037	0	54.9	14.7	128	0.1008	10.5	39.6	
Phenanthrene	0.137	0.004	0.2037	0	67.2	32.8	143	0.1305	4.89	35.4	
Pyrene	0.139	0.004	0.2037	0	68.3	10	180	0.1287	7.81	60.1	
Surr: 2-Fluorobiphenyl	0.111		0.2037		54.3	10	131		0	40	
Surr: Nitrobenzene-d5	0.105		0.2037		51.3	10	132		0	40	
Surr: p-Terphenyl-d14	0.137		0.2037		67.1	30.6	131		0	40	

Client: Philip Environmental

ANALYTICAL QC SUMMARY REPORT

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

TestCode: V_BTEX_S

Lab Order: 08040238

Report Date: 11-Apr-08

Sample ID: LCS-G080409-1		SampType: LCS		Units: µg/Kg		Prep Date: 4/9/2008		RunNo: 106598			
Client ID: ZZZZZZ		Batch ID: 43954		SW5035		Analysis Date: 4/9/2008		SeqNo: 1903869			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	48.5	1.0	50.00	0	97.0	75	123				
Toluene	48.3	5.0	50.00	0	96.7	77.3	117				
Ethylbenzene	50.7	5.0	50.00	0	101.4	80.8	118				
Xylenes, Total	101	5.0	100.0	0	100.9	78.5	121				
Surr: 1,2-Dichloroethane-d4	46.7		50.00		93.3	61	128				
Surr: 4-Bromofluorobenzene	49.4		50.00		98.8	78.2	117				
Surr: Dibromofluoromethane	48.8		50.00		97.6	66.6	130				
Surr: Toluene-d8	49.4		50.00		98.9	80.1	122				

Sample ID: LCSD-G080409-1		SampType: LCSD		Units: µg/Kg		Prep Date: 4/9/2008		RunNo: 106598			
Client ID: ZZZZZZ		Batch ID: 43954		SW5035		Analysis Date: 4/9/2008		SeqNo: 1903870			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	52.0	1.0	50.00	0	103.9	75	123	48.50	6.91	20	
Toluene	51.7	5.0	50.00	0	103.4	77.3	117	48.33	6.74	20	
Ethylbenzene	53.6	5.0	50.00	0	107.2	80.8	118	50.72	5.48	20	
Xylenes, Total	107	5.0	100.0	0	106.7	78.5	121	100.9	5.65	20	
Surr: 1,2-Dichloroethane-d4	48.2		50.00		96.5	61	128		0	0	
Surr: 4-Bromofluorobenzene	49.3		50.00		98.6	78.2	117		0	0	
Surr: Dibromofluoromethane	49.5		50.00		99.0	66.6	130		0	0	
Surr: Toluene-d8	48.6		50.00		97.2	80.1	122		0	0	

Sample ID: MBLK-G080409-1		SampType: MBLK		Units: µg/Kg		Prep Date: 4/9/2008		RunNo: 106598			
Client ID: ZZZZZZ		Batch ID: 43954		SW5035		Analysis Date: 4/9/2008		SeqNo: 1903871			
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: 08040238

Report Date: 11-Apr-08

Sample ID: MBLK-G080409-1	SampType: MBLK	Units: µg/Kg	Prep Date: 4/9/2008	RunNo: 106598							
Client ID: ZZZZZZ	Batch ID: 43954	SW5035	Analysis Date: 4/9/2008	SeqNo: 1903871							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 1,2-Dichloroethane-d4	46.9		50.00		93.9	61	128				
Surr: 4-Bromofluorobenzene	48.7		50.00		97.4	78.2	117				
Surr: Dibromofluoromethane	47.9		50.00		95.8	66.6	130				
Surr: Toluene-d8	49.0		50.00		98.1	80.1	122				

Sample ID: LCS-G080409-2	SampType: LCS	Units: µg/Kg	Prep Date: 4/9/2008	RunNo: 106631							
Client ID: ZZZZZZ	Batch ID: 43970	SW5035	Analysis Date: 4/10/2008	SeqNo: 1904640							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	48.1	1.0	50.00	0	96.3	75	123				
Toluene	46.7	5.0	50.00	0	93.5	77.3	117				
Ethylbenzene	47.0	5.0	50.00	0	94.1	80.8	118				
Xylenes, Total	93.6	5.0	100.0	0	93.6	78.5	121				
Surr: 1,2-Dichloroethane-d4	47.5		50.00		94.9	61	128				
Surr: 4-Bromofluorobenzene	49.7		50.00		99.4	78.2	117				
Surr: Dibromofluoromethane	49.1		50.00		98.2	66.6	130				
Surr: Toluene-d8	48.6		50.00		97.3	80.1	122				

Sample ID: LCSD-G080409-2	SampType: LCSD	Units: µg/Kg	Prep Date: 4/9/2008	RunNo: 106631							
Client ID: ZZZZZZ	Batch ID: 43970	SW5035	Analysis Date: 4/10/2008	SeqNo: 1904641							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	47.4	1.0	50.00	0	94.8	75	123	48.13	1.49	20	
Toluene	46.0	5.0	50.00	0	92.1	77.3	117	46.73	1.49	20	
Ethylbenzene	46.8	5.0	50.00	0	93.7	80.8	118	47.03	0.405	20	
Xylenes, Total	92.4	5.0	100.0	0	92.4	78.5	121	93.56	1.30	20	
Surr: 1,2-Dichloroethane-d4	47.7		50.00		95.4	61	128		0	0	
Surr: 4-Bromofluorobenzene	49.6		50.00		99.1	78.2	117		0	0	
Surr: Dibromofluoromethane	49.3		50.00		98.6	66.6	130		0	0	
Surr: Toluene-d8	48.9		50.00		97.7	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: 08040238

Report Date: 11-Apr-08

Sample ID: MBLK-G080409-2	SampType: MBLK	Units: µg/Kg	Prep Date: 4/9/2008	RunNo: 106631							
Client ID: ZZZZZZ	Batch ID: 43970	SW5035	Analysis Date: 4/10/2008	SeqNo: 1904642							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	1.0									
Toluene	ND	5.0									
Ethylbenzene	ND	5.0									
Xylenes, Total	ND	5.0									
Surr: 1,2-Dichloroethane-d4	47.1		50.00		94.2	61	128				
Surr: 4-Bromofluorobenzene	49.2		50.00		98.3	78.2	117				
Surr: Dibromofluoromethane	48.2		50.00		96.4	66.6	130				
Surr: Toluene-d8	48.4		50.00		96.9	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: 08040238

Report Date: 11-Apr-08

Carrier: Leslie Hoosier

Received By: EC

Completed by:

Marvin L. Darling II

Reviewed by:

Elizabeth A. Hurley

On:

07-Apr-08

Marvin L. Darling

On:

07-Apr-08

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C	2.6
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.



Chain of Custody Record

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

COC Serial No. **B** 08870

08040238

Project Name: Amenal Program Project Mgr.: Derek Ingram
Project Number: 02402053 Cost Code: 024021
Sampler(s): L. Hodsier

Laboratory Name: Teklab
Location: Collinsville IL

Sample Number and (depth)	Date	Time	Matrix			
			Soil	Water	Air	Wipes
B-824 (1'-31')	4-4	0937	X			
B-824 (9'-10')	4-4	1016	X			
B-824 (24'-24')	4-4	1053	X			
B-824 (9'-10')	4-4	1145	X			
B-824 (0.9'-3.0')	4-4	1122	X			
B-824 (19'-20')	4-4	1242	X			

Total Number of Containers

Analyses by Method Name and Number

Method Name and Number	BTEX 820B	PHH 827DSMS	Metals*	Cyanide 9210	PH 9245C
	X	X	X	X	
	X	X	X	X	
	X	X	X	X	
	X	X	X	X	
	X	X	X	X	
	X	X	X	X	

Comments (Field PID) Lab ID #'s

*Metals- arsenic, chromium, cad 08040238-cc1
 -cc2
 -cc3
 -cc4
 -cc5
 -cc6

Cyanide - total and amenable

Laboratory Temperature upon Receipt
2.61°C

Samples Iced: Yes No

Preservatives (ONLY for Water Samples)

- Volatile Organics Hydrochloric acid (HCl)
- VOC Soil (5035) Sodium Bisulfate/Methanol
- TPH Hydrochloric acid and/or Sulfuric acid
- Metals Nitric acid (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: Heidi Hodsier Date: 4-4-08 Time: 1730

Received by:

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



Chain of Custody Record

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

COC Serial No. **B 08871**

08040238

Project Name: Ameren FP Chemistry Project Mgr.: Derek Ingram
Project Number: 02403053 Cost Code: 024501
Sampler(s): L. Hoosier / R. Hixon

Laboratory Name: Teklab
Location: Collinsville, IL

Sample Number and (depth)	Date	Time	Matrix			
			Soil	Water	Air	Wipes
B 025 (28'-29')	4/3	0915	X			
B 025 (20'-30')	4/3	1043	X			
B 025 (8.0'-9.0')	4/3	1111	X			
B 025 (8.0'-19.0')	4/3	1133	X			
B 025 (25.0'-26.0')	4/3	1151	X			
B 026 (2.0'-3.0')	4/3	1311	X			
B 026 (8.0'-9.0')	4/3	1330	X			
B 026 (16.0'-17.0')	4/3	1352	X			

Analyses by Method Name and Number	Total Number of Containers	Matrix		Comments (Field PID)	Lab ID #'s
		Water	Soil		
BTEX 5030	9	X	X		
PH 8270 SW	9	X	X		
Metals *	9	X	X		
Cyanide	9	X	X		
FCC D2974 B	9	X	X		
PH 9045C	9	X	X		

Laboratory Temperature upon Receipt
4.8°C

Comments (Field PID)
*metals - arsenic, chromium, lead -007
-008
-009
Cyanide - total and amenable -010
-011
-012
-013
-014

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 STD 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 [Signature] Date 4-4-08 Time 1730

Received by: Signature [Signature] Date 4/4/08 Time 1730



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

08040238

COC Serial No. **B** 08872

Project Name: Amvren IP Campaign Project Mgr.: Derek Ingram
Project Number: 02403053 Cost Code: 024501
Sampler(s): L. Hooser / R. Huson

Laboratory Name: TeK-lab
Location: Collinsville, IL

Sample Number and (depth)	Date	Time	Matrix					Total Number of Containers
			Soil	Water	Air	Wipes	Other *	
B020 (2.0'-3.0')	4/3	1453	X	X			5	
B020 - Dup (2.0'-3.0')	4/3	1453	X	X			5	
B020 (9.0'-10.0')	4/3	1519	X	X			5	
B020 (12.0'-13.0')								
B020 (12.0'-13.0')	4/3	1541	X	X			5	
B020 (17.0'-18.0')	4/3	1600	X	X			5	

Analyses by Method Name and Number	Comments (Field PID)	Lab ID #'s
Metals* PMT B270SIA BTEX B260B 5035	*metals -	08040238-015
Cyanide EX B27487 PF 9045C	arsenic, chromium, lead	-016 -017
	Cyanide - total and amenable	-018 -019

Laboratory Temperature upon Receipt
4.81°C

Samples Iced: Yes No

Preservatives (ONLY for Water Samples)

- Volatile Organics Hydrochloric acid (HCl)
- VOC Soil (5035) Sodium Bisulfate/Methanol
- TPH Hydrochloric acid and/or Sulfuric acid (HNO₃)
- Metals Nitric acid (NaOH)
- Cyanide Sodium hydroxide
- Other (Specify)

Lab Directives: Rush 5 Days Other

Requested TAT: ASAP

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 Jessie Hooser Date 4-4-08 Time 1730

Received by: Signature Derek Ingram Date 4-14-08 Time 1730



Chain of Custody Record

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

COC Serial No. **B** 08874

08040238

Project Name: Amx Camp Cleanup Project Mgr.: Derek Ingram
 Project Number: 62402053 Cost Code: 074501
 Sampler(s): L. Hodson
 Laboratory Name: TekLab
 Location: Williamsville IL

Sample Number and (depth)	Date	Time	Matrix					Total Number of Containers	Analyses by Method Name and Number	Comments (Field PID)	Lab ID #'s
			Soil	Water	Air	Wipes	Other *				
B-830 (2.0'-3.0')	4-3	1159	X				5	BTEX 82608 PAH 8270 SIMS Metals* Cyanide 9014 Foc 029M-87 PT 9045C	Metals - Arsenic, Chromium, lead	08040238-020	
B-830 (8'-9')	4-3	1221	X				5			-021	
B-830 (28'-30')	4-3	1453	X				6			-022	
B-831 (1.0'-3.0')	4-3	1549	X				6			-023	
B-831 (9.0'-10.0')	4-3	1619	X				6			-024	
B-831 (10.5'-12.0')	4-3	1655	X				5			-025	
B-831 (18'-20')	4-3	1717	X				5			-026	

Laboratory Temperature upon Receipt
26.1°C

Samples Iced: Yes No

Preservatives (ONLY for Water Samples)

- Volatile Organics Hydrochloric acid (HCl)
- VOC Soil (5035) Sodium Bisulfate/Methanol
- TPH Hydrochloric acid and/or Sulfuric acid (HNO₃)
- Metals Nitric acid (NaOH)
- Cyanide Sodium hydroxide
- Other (Specify)

Lab Directives:
 Requested TAT: Rush 5 Days Other
 Fax and/or Mail Results to: Derek Ingram STD
 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 Justin Hoodson Date 4-4-08 Time 1730

Received by: Signature Derek Ingram Date 4/4/08 Time 1730



Chain of Custody Record

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

COC Serial No. **B** 08869

08040238

Project Name: Ameren IP Campaign Project Mgr.: Derek Ingram
Project Number: 62402053 Cost Code: 024501

Analyses by Method Name and Number

PAH 8270SMS	Metals	Cyanide	FOC D2974-87	PH 9045C
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Laboratory Name: Texlab
Location: Collinsville, IL
Sample Number and (depth):
Date

Sample Number and (depth)	Date	Time	Total Number of Containers					Comments (Field PID)	Lab ID #'s	
			Soil	Water	Air	Wipes	Other *			
B 832 (2.0'-3.0')	4-4	0853	X					5	* Metals - arsenic, chromium, lead	08040238-027
B 832 (7.0'-8.0')	4-4	0904	X					5		-028
B 832 (20.0'-21.0')	4-4	0940	X					5		-029
B 838 (1.0'-2.0')	4-4	1120	X					5	Cyanide	-030
B 838 (9.0'-10.0')	4-4	1131	X					5	and amenable	-031
B 838 (15.0'-16.0')	4-4	1216	X					5		-032
B 838 (29.0'-30.0')	4-4	1252	X					5		-033
B-820 (8.5'-9.5')	4-4	1341	X					5		-034
B-820 (11.0'-2.0')	4-4	1441	X					5		-035
B-820 (25.0'-26.0')	4-4	1453	X					5		-036

Sampler(s): R. Henson
Matrix: Soil, Water, Air, Wipes, Other *

Laboratory Temperature upon Receipt: 14.610C

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 6 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: _____

Carrier / Airbill No.	Signature	Date	Time
	<u>Charlie Hoover</u>	<u>4-4-08</u>	<u>1730</u>