

LABORATORY REPORT

Prepared For: Onyx Environmental, Azusa
107 S. Motor Ave.
Azusa, CA 91702
Attention: Lori Wynd

Project: Boeing-SSFL BMP
Media Test

Sampled: 08/16/06-08/31/06
Received: 08/21/06
Issued: 09/11/06 15:19

NELAP #01108CA California ELAP#1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 9 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.*

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 22°C and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica Sample Acceptance Policy unless otherwise noted in the report. The analysis for EPA 8015B Volatile Fuel Hydrocarbons on sample IPH2351-07 was originally performed within holdtime, however, the dilution was incorrect. The error was not discovered until one day after the 14 day holdtime and the sample was reanalyzed at that time. The results enclosed are from the second analysis.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: Results that fall between the MDL and RL are 'J' flagged. The samples were prepared in accordance with the EPA Method 1311 leaching procedure described for TCLP with the exception that the extraction fluid used was deionized water instead of the acetic acid solution described in the method.

SUBCONTRACTED: There were no subcontracted analyses for this data set.

ADDITIONAL INFORMATION: Enclosed are complete final results.

LABORATORY ID	CLIENT ID	MATRIX
IPH2351-01	Gabion Rock	Solid
IPH2351-02	2" < Rock	Solid
IPH2351-03	#8 Sand	Solid
IPH2351-04	Riprap	Solid

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LABORATORY ID

IPH2351-07

IPH2351-08

IPH2351-09

IPH2351-10

CLIENT ID

#8 Sand-Leachate

Gabion Rock-leachate

2" < Rock-leachate

Riprap-leachate

MATRIX

Water

Water

Water

Water

Reviewed By:



TestAmerica - Irvine, CA
Michele Chamberlin
Project Manager

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CORRECTIVE ACTION REPORT

Department: Pesticides

Date: 09/07/2006

Method: EPA 608

Matrix: Water

QC Batch: 6I06055

Identification and Definition of Problem:

LCS and LCSD recoveries for Dieldrin, Endrin, Endosulfan II, Endrin Aldehyde, and Methoxychlor were below laboratory control limits.

Determination of the Cause of the Problem:

The LCS and LCSD were incorrectly run through a clean-up process before analysis.

Corrective Action Taken:

Although only the LCS and LCSD were processed incorrectly, there is no positive quality control for these compounds. The blank was processed correctly and indicates no positive bias. The surrogate recoveries for all samples were within acceptance limits and indicate no excessive losses of sample during extraction and analysis. There was not sufficient sample available for reanalysis within holding time. Results have been qualified to reference this corrective action report. All extraction personnel involved have been retrained on correct procedures.

Quality Assurance Approval:



Dave Dawes

Date: 09/08/2006 12:11 PM

TestAmerica - Irvine, CA
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TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-07 (#8 Sand-Leachate - Water)					Sampled: 08/24/06				
Reporting Units: mg/l									
Total Recoverable Hydrocarbons	EPA 418.1	6H26059	0.32	1.0	ND	1.02	08/26/06	08/26/06	
Sample ID: IPH2351-08 (Gabion Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
Total Recoverable Hydrocarbons	EPA 418.1	6I01066	0.31	1.0	ND	1	09/01/06	09/01/06	
Sample ID: IPH2351-09 (2" < Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
Total Recoverable Hydrocarbons	EPA 418.1	6I01066	0.30	0.96	ND	0.962	09/01/06	09/01/06	
Sample ID: IPH2351-10 (Riprap-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
Total Recoverable Hydrocarbons	EPA 418.1	6I01066	0.31	1.0	ND	1	09/01/06	09/01/06	

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EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-07 (#8 Sand-Leachate - Water)					Sampled: 08/24/06				
Reporting Units: mg/l									
EFH (C13 - C22)	EPA 8015B	6H29100	0.043	0.48	ND	0.952	08/29/06	08/30/06	
Surrogate: n-Octacosane (40-125%)					40 %				
Sample ID: IPH2351-08 (Gabion Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
EFH (C13 - C22)	EPA 8015B	6I05053	0.043	0.48	ND	0.962	09/05/06	09/05/06	
Surrogate: n-Octacosane (40-125%)					71 %				
Sample ID: IPH2351-09 (2" < Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
EFH (C13 - C22)	EPA 8015B	6I05053	0.043	0.48	ND	0.962	09/05/06	09/05/06	
Surrogate: n-Octacosane (40-125%)					71 %				
Sample ID: IPH2351-10 (Riprap-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
EFH (C13 - C22)	EPA 8015B	6I05053	0.043	0.48	ND	0.962	09/05/06	09/05/06	
Surrogate: n-Octacosane (40-125%)					75 %				

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VOLATILE FUEL HYDROCARBONS (EPA 5030/CADHS Mod. 8015)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-07 (#8 Sand-Leachate - Water)					Sampled: 08/24/06				H
Reporting Units: mg/l									
GRO (C4 - C12)	EPA 8015 Mod.	6I08046	0.050	0.10	0.069	1	09/08/06	09/08/06	J
Surrogate: 4-BFB (FID) (65-140%)					101 %				
Sample ID: IPH2351-08 (Gabion Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
GRO (C4 - C12)	EPA 8015 Mod.	6I01125	0.050	0.10	ND	1	09/01/06	09/01/06	
Surrogate: 4-BFB (FID) (65-140%)					82 %				
Sample ID: IPH2351-09 (2" < Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
GRO (C4 - C12)	EPA 8015 Mod.	6I01125	0.050	0.10	ND	1	09/01/06	09/01/06	
Surrogate: 4-BFB (FID) (65-140%)					78 %				
Sample ID: IPH2351-10 (Riprap-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
GRO (C4 - C12)	EPA 8015 Mod.	6I01125	0.050	0.10	ND	1	09/01/06	09/01/06	
Surrogate: 4-BFB (FID) (65-140%)					81 %				

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ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-07 (#8 Sand-Leachate - Water)					Sampled: 08/24/06				
Reporting Units: ug/l									
Aldrin	EPA 608	6H24103	0.045	0.15	ND	1.52	08/24/06	08/28/06	
alpha-BHC	EPA 608	6H24103	0.0015	0.015	0.0023	1.52	08/24/06	08/28/06	B, J
beta-BHC	EPA 608	6H24103	0.023	0.15	ND	1.52	08/24/06	08/28/06	
delta-BHC	EPA 608	6H24103	0.030	0.30	ND	1.52	08/24/06	08/28/06	
gamma-BHC (Lindane)	EPA 608	6H24103	0.030	0.15	ND	1.52	08/24/06	08/28/06	
Chlordane	EPA 608	6H24103	0.30	1.5	ND	1.52	08/24/06	08/28/06	
4,4'-DDD	EPA 608	6H24103	0.030	0.15	ND	1.52	08/24/06	08/28/06	
4,4'-DDE	EPA 608	6H24103	0.038	0.15	ND	1.52	08/24/06	08/28/06	
4,4'-DDT	EPA 608	6H24103	0.053	0.15	ND	1.52	08/24/06	08/28/06	
Dieldrin	EPA 608	6H24103	0.023	0.15	ND	1.52	08/24/06	08/28/06	
Endosulfan I	EPA 608	6H24103	0.023	0.15	ND	1.52	08/24/06	08/28/06	
Endosulfan II	EPA 608	6H24103	0.061	0.15	ND	1.52	08/24/06	08/28/06	
Endosulfan sulfate	EPA 608	6H24103	0.030	0.30	ND	1.52	08/24/06	08/28/06	
Endrin	EPA 608	6H24103	0.030	0.15	ND	1.52	08/24/06	08/28/06	
Endrin aldehyde	EPA 608	6H24103	0.068	0.15	ND	1.52	08/24/06	08/28/06	
Endrin ketone	EPA 608	6H24103	0.030	0.15	ND	1.52	08/24/06	08/28/06	
Heptachlor	EPA 608	6H24103	0.045	0.15	ND	1.52	08/24/06	08/28/06	
Heptachlor epoxide	EPA 608	6H24103	0.045	0.15	ND	1.52	08/24/06	08/28/06	
Methoxychlor	EPA 608	6H24103	0.053	0.15	ND	1.52	08/24/06	08/28/06	
Toxaphene	EPA 608	6H24103	2.3	7.6	ND	1.52	08/24/06	08/28/06	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>					64 %				
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					82 %				
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>					64 %				
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					82 %				

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ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-08 (Gabion Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: ug/l									
Aldrin	EPA 608	6I06055	0.052	0.17	ND	1.74	09/06/06	09/06/06	
alpha-BHC	EPA 608	6I06055	0.0017	0.017	0.0033	1.74	09/06/06	09/06/06	B, J
beta-BHC	EPA 608	6I06055	0.026	0.17	ND	1.74	09/06/06	09/06/06	
delta-BHC	EPA 608	6I06055	0.035	0.35	ND	1.74	09/06/06	09/06/06	
gamma-BHC (Lindane)	EPA 608	6I06055	0.035	0.17	ND	1.74	09/06/06	09/06/06	
Chlordane	EPA 608	6I06055	0.35	1.7	ND	1.74	09/06/06	09/06/06	
4,4'-DDD	EPA 608	6I06055	0.035	0.17	ND	1.74	09/06/06	09/06/06	
4,4'-DDE	EPA 608	6I06055	0.043	0.17	ND	1.74	09/06/06	09/06/06	
4,4'-DDT	EPA 608	6I06055	0.061	0.17	ND	1.74	09/06/06	09/06/06	
Dieldrin	EPA 608	6I06055	0.026	0.17	ND	1.74	09/06/06	09/06/06	
Endosulfan I	EPA 608	6I06055	0.026	0.17	ND	1.74	09/06/06	09/06/06	
Endosulfan II	EPA 608	6I06055	0.070	0.17	ND	1.74	09/06/06	09/06/06	
Endosulfan sulfate	EPA 608	6I06055	0.035	0.35	ND	1.74	09/06/06	09/06/06	
Endrin	EPA 608	6I06055	0.035	0.17	ND	1.74	09/06/06	09/06/06	
Endrin aldehyde	EPA 608	6I06055	0.078	0.17	ND	1.74	09/06/06	09/06/06	
Endrin ketone	EPA 608	6I06055	0.035	0.17	ND	1.74	09/06/06	09/06/06	
Heptachlor	EPA 608	6I06055	0.052	0.17	ND	1.74	09/06/06	09/06/06	
Heptachlor epoxide	EPA 608	6I06055	0.052	0.17	ND	1.74	09/06/06	09/06/06	
Methoxychlor	EPA 608	6I06055	0.061	0.17	ND	1.74	09/06/06	09/06/06	
Toxaphene	EPA 608	6I06055	2.6	8.7	ND	1.74	09/06/06	09/06/06	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>					57 %				
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					83 %				
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>					57 %				
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					83 %				

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ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-09 (2" < Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: ug/l									
Aldrin	EPA 608	6I06055	0.052	0.17	ND	1.74	09/06/06	09/06/06	
alpha-BHC	EPA 608	6I06055	0.0017	0.017	0.017	1.74	09/06/06	09/06/06	B
beta-BHC	EPA 608	6I06055	0.026	0.17	ND	1.74	09/06/06	09/06/06	
delta-BHC	EPA 608	6I06055	0.035	0.35	ND	1.74	09/06/06	09/06/06	
gamma-BHC (Lindane)	EPA 608	6I06055	0.035	0.17	ND	1.74	09/06/06	09/06/06	
Chlordane	EPA 608	6I06055	0.35	1.7	ND	1.74	09/06/06	09/06/06	
4,4'-DDD	EPA 608	6I06055	0.035	0.17	ND	1.74	09/06/06	09/06/06	
4,4'-DDE	EPA 608	6I06055	0.043	0.17	ND	1.74	09/06/06	09/06/06	
4,4'-DDT	EPA 608	6I06055	0.061	0.17	ND	1.74	09/06/06	09/06/06	
Dieldrin	EPA 608	6I06055	0.026	0.17	ND	1.74	09/06/06	09/06/06	
Endosulfan I	EPA 608	6I06055	0.026	0.17	ND	1.74	09/06/06	09/06/06	
Endosulfan II	EPA 608	6I06055	0.070	0.17	ND	1.74	09/06/06	09/06/06	
Endosulfan sulfate	EPA 608	6I06055	0.035	0.35	ND	1.74	09/06/06	09/06/06	
Endrin	EPA 608	6I06055	0.035	0.17	ND	1.74	09/06/06	09/06/06	
Endrin aldehyde	EPA 608	6I06055	0.078	0.17	ND	1.74	09/06/06	09/06/06	
Endrin ketone	EPA 608	6I06055	0.035	0.17	ND	1.74	09/06/06	09/06/06	
Heptachlor	EPA 608	6I06055	0.052	0.17	ND	1.74	09/06/06	09/06/06	
Heptachlor epoxide	EPA 608	6I06055	0.052	0.17	ND	1.74	09/06/06	09/06/06	
Methoxychlor	EPA 608	6I06055	0.061	0.17	ND	1.74	09/06/06	09/06/06	
Toxaphene	EPA 608	6I06055	2.6	8.7	ND	1.74	09/06/06	09/06/06	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>					65 %				
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					89 %				
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>					65 %				
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					89 %				

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Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-10 (Riprap-leachate - Water)					Sampled: 08/31/06				
Reporting Units: ug/l									
Aldrin	EPA 608	6I06055	0.060	0.20	ND	2	09/06/06	09/06/06	
alpha-BHC	EPA 608	6I06055	0.0020	0.020	0.0037	2	09/06/06	09/06/06	B, J
beta-BHC	EPA 608	6I06055	0.030	0.20	ND	2	09/06/06	09/06/06	
delta-BHC	EPA 608	6I06055	0.040	0.40	ND	2	09/06/06	09/06/06	
gamma-BHC (Lindane)	EPA 608	6I06055	0.040	0.20	ND	2	09/06/06	09/06/06	
Chlordane	EPA 608	6I06055	0.40	2.0	ND	2	09/06/06	09/06/06	
4,4'-DDD	EPA 608	6I06055	0.040	0.20	ND	2	09/06/06	09/06/06	
4,4'-DDE	EPA 608	6I06055	0.050	0.20	ND	2	09/06/06	09/06/06	
4,4'-DDT	EPA 608	6I06055	0.070	0.20	ND	2	09/06/06	09/06/06	
Dieldrin	EPA 608	6I06055	0.030	0.20	ND	2	09/06/06	09/06/06	
Endosulfan I	EPA 608	6I06055	0.030	0.20	ND	2	09/06/06	09/06/06	
Endosulfan II	EPA 608	6I06055	0.080	0.20	ND	2	09/06/06	09/06/06	
Endosulfan sulfate	EPA 608	6I06055	0.040	0.40	ND	2	09/06/06	09/06/06	
Endrin	EPA 608	6I06055	0.040	0.20	ND	2	09/06/06	09/06/06	
Endrin aldehyde	EPA 608	6I06055	0.090	0.20	ND	2	09/06/06	09/06/06	
Endrin ketone	EPA 608	6I06055	0.040	0.20	ND	2	09/06/06	09/06/06	
Heptachlor	EPA 608	6I06055	0.060	0.20	ND	2	09/06/06	09/06/06	
Heptachlor epoxide	EPA 608	6I06055	0.060	0.20	ND	2	09/06/06	09/06/06	
Methoxychlor	EPA 608	6I06055	0.070	0.20	ND	2	09/06/06	09/06/06	
Toxaphene	EPA 608	6I06055	3.0	10	ND	2	09/06/06	09/06/06	
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>					61 %				
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					84 %				
<i>Surrogate: Tetrachloro-m-xylene (35-115%)</i>					61 %				
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					84 %				

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TOTAL PCBS (EPA 608)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-07 (#8 Sand-Leachate - Water)					Sampled: 08/24/06				
Reporting Units: ug/l									
Aroclor 1016	EPA 608	6H24103	0.30	1.5	ND	1.52	08/24/06	08/25/06	
Aroclor 1221	EPA 608	6H24103	0.15	1.5	ND	1.52	08/24/06	08/25/06	
Aroclor 1232	EPA 608	6H24103	0.38	1.5	ND	1.52	08/24/06	08/25/06	
Aroclor 1242	EPA 608	6H24103	0.38	1.5	ND	1.52	08/24/06	08/25/06	
Aroclor 1248	EPA 608	6H24103	0.38	1.5	ND	1.52	08/24/06	08/25/06	
Aroclor 1254	EPA 608	6H24103	0.38	1.5	ND	1.52	08/24/06	08/25/06	
Aroclor 1260	EPA 608	6H24103	0.61	1.5	ND	1.52	08/24/06	08/25/06	
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					92 %				
Sample ID: IPH2351-08 (Gabion Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: ug/l									
Aroclor 1016	EPA 608	6I06055	0.35	1.7	ND	1.74	09/06/06	09/06/06	
Aroclor 1221	EPA 608	6I06055	0.17	1.7	ND	1.74	09/06/06	09/06/06	
Aroclor 1232	EPA 608	6I06055	0.43	1.7	ND	1.74	09/06/06	09/06/06	
Aroclor 1242	EPA 608	6I06055	0.43	1.7	ND	1.74	09/06/06	09/06/06	
Aroclor 1248	EPA 608	6I06055	0.43	1.7	ND	1.74	09/06/06	09/06/06	
Aroclor 1254	EPA 608	6I06055	0.43	1.7	ND	1.74	09/06/06	09/06/06	
Aroclor 1260	EPA 608	6I06055	0.70	1.7	ND	1.74	09/06/06	09/06/06	
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					91 %				
Sample ID: IPH2351-09 (2" < Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: ug/l									
Aroclor 1016	EPA 608	6I06055	0.35	1.7	ND	1.74	09/06/06	09/06/06	
Aroclor 1221	EPA 608	6I06055	0.17	1.7	ND	1.74	09/06/06	09/06/06	
Aroclor 1232	EPA 608	6I06055	0.43	1.7	ND	1.74	09/06/06	09/06/06	
Aroclor 1242	EPA 608	6I06055	0.43	1.7	ND	1.74	09/06/06	09/06/06	
Aroclor 1248	EPA 608	6I06055	0.43	1.7	ND	1.74	09/06/06	09/06/06	
Aroclor 1254	EPA 608	6I06055	0.43	1.7	ND	1.74	09/06/06	09/06/06	
Aroclor 1260	EPA 608	6I06055	0.70	1.7	ND	1.74	09/06/06	09/06/06	
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					92 %				

TestAmerica - Irvine, CA
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Project ID: Boeing-SSFL BMP
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 Report Number: IPH2351

Sampled: 08/16/06-08/31/06
 Received: 08/21/06

TOTAL PCBS (EPA 608)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-10 (Riprap-leachate - Water)					Sampled: 08/31/06				
Reporting Units: ug/l									
Aroclor 1016	EPA 608	6I06055	0.40	2.0	ND	2	09/06/06	09/06/06	
Aroclor 1221	EPA 608	6I06055	0.20	2.0	ND	2	09/06/06	09/06/06	
Aroclor 1232	EPA 608	6I06055	0.50	2.0	ND	2	09/06/06	09/06/06	
Aroclor 1242	EPA 608	6I06055	0.50	2.0	ND	2	09/06/06	09/06/06	
Aroclor 1248	EPA 608	6I06055	0.50	2.0	ND	2	09/06/06	09/06/06	
Aroclor 1254	EPA 608	6I06055	0.50	2.0	ND	2	09/06/06	09/06/06	
Aroclor 1260	EPA 608	6I06055	0.80	2.0	ND	2	09/06/06	09/06/06	
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>					86 %				

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Received: 08/21/06

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-07 (#8 Sand-Leachate - Water)					Sampled: 08/24/06				
Reporting Units: mg/l									
Barium	EPA 200.7	6H24112	0.0060	0.010	0.014	1	08/24/06	08/25/06	
Boron	EPA 200.7	6H24112	0.0080	0.050	0.046	1	08/24/06	08/25/06	J
Iron	EPA 200.7	6H24112	0.015	0.040	0.29	1	08/24/06	08/25/06	
Sample ID: IPH2351-08 (Gabion Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
Barium	EPA 200.7	6H31130	0.0060	0.010	ND	1	08/31/06	09/03/06	
Boron	EPA 200.7	6H31130	0.0080	0.050	0.089	1	08/31/06	09/03/06	
Iron	EPA 200.7	6H31130	0.015	0.040	0.41	1	08/31/06	09/03/06	
Sample ID: IPH2351-09 (2" < Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
Barium	EPA 200.7	6H31130	0.0060	0.010	ND	1	08/31/06	09/03/06	
Boron	EPA 200.7	6H31130	0.0080	0.050	0.040	1	08/31/06	09/03/06	J
Iron	EPA 200.7	6H31130	0.015	0.040	0.053	1	08/31/06	09/03/06	
Sample ID: IPH2351-10 (Riprap-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
Barium	EPA 200.7	6H31130	0.0060	0.010	ND	1	08/31/06	09/03/06	
Boron	EPA 200.7	6H31130	0.0080	0.050	0.032	1	08/31/06	09/03/06	J
Iron	EPA 200.7	6H31130	0.015	0.040	0.12	1	08/31/06	09/03/06	
Sample ID: IPH2351-07 (#8 Sand-Leachate - Water)					Sampled: 08/24/06				
Reporting Units: ug/l									
Antimony	EPA 200.8	6H24115	0.050	2.0	0.19	1	08/24/06	08/24/06	J
Arsenic	EPA 200.7	6H24112	4.4	5.0	ND	1	08/24/06	08/25/06	
Beryllium	EPA 200.7	6H24112	0.90	2.0	ND	1	08/24/06	08/25/06	
Cadmium	EPA 200.8	6H24115	0.025	1.0	ND	1	08/24/06	08/24/06	
Copper	EPA 200.8	6H24115	0.25	2.0	0.35	1	08/24/06	08/24/06	J
Lead	EPA 200.8	6H24115	0.040	1.0	0.13	1	08/24/06	08/24/06	J
Manganese	EPA 200.7	6H24112	7.0	20	ND	1	08/24/06	08/25/06	
Mercury	EPA 245.1	6H28054	0.050	0.20	ND	1	08/28/06	08/28/06	
Nickel	EPA 200.7	6H24112	2.0	10	ND	1	08/24/06	08/25/06	
Selenium	EPA 200.8	6H24115	0.30	2.0	4.1	1	08/24/06	08/24/06	
Silver	EPA 200.8	6H24115	0.025	1.0	ND	1	08/24/06	08/24/06	
Thallium	EPA 200.8	6H24115	0.15	1.0	ND	1	08/24/06	08/24/06	
Zinc	EPA 200.7	6H24112	15	20	ND	1	08/24/06	08/25/06	

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Media Test
Report Number: IPH2351

Sampled: 08/16/06-08/31/06
Received: 08/21/06

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-08 (Gabion Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: ug/l									
Antimony	EPA 200.8	6H31128	0.050	2.0	0.39	1	08/31/06	09/01/06	J
Arsenic	EPA 200.7	6H31130	4.4	5.0	ND	1	08/31/06	09/03/06	
Beryllium	EPA 200.7	6H31130	0.90	2.0	ND	1	08/31/06	09/03/06	
Cadmium	EPA 200.8	6H31128	0.025	1.0	ND	1	08/31/06	09/01/06	
Copper	EPA 200.8	6H31128	0.25	2.0	0.27	1	08/31/06	09/01/06	J
Lead	EPA 200.8	6H31128	0.040	1.0	0.70	1	08/31/06	09/01/06	J
Manganese	EPA 200.7	6H31130	7.0	20	12	1	08/31/06	09/03/06	J
Mercury	EPA 245.1	6I05071	0.050	0.20	ND	1	09/05/06	09/05/06	
Nickel	EPA 200.7	6H31130	2.0	10	ND	1	08/31/06	09/03/06	
Selenium	EPA 200.8	6H31128	0.30	2.0	ND	1	08/31/06	09/01/06	
Silver	EPA 200.8	6H31128	0.025	1.0	0.033	1	08/31/06	09/01/06	J
Thallium	EPA 200.8	6H31128	0.15	1.0	ND	1	08/31/06	09/01/06	
Zinc	EPA 200.7	6H31130	15	20	ND	1	08/31/06	09/03/06	

Sample ID: IPH2351-09 (2" < Rock-leachate - Water)

Sampled: 08/31/06

Reporting Units: ug/l

Antimony	EPA 200.8	6H31128	0.050	2.0	0.20	1	08/31/06	09/01/06	J
Arsenic	EPA 200.7	6H31130	4.4	5.0	ND	1	08/31/06	09/03/06	
Beryllium	EPA 200.7	6H31130	0.90	2.0	ND	1	08/31/06	09/03/06	
Cadmium	EPA 200.8	6H31128	0.025	1.0	ND	1	08/31/06	09/01/06	
Copper	EPA 200.8	6H31128	0.25	2.0	ND	1	08/31/06	09/01/06	
Lead	EPA 200.8	6H31128	0.040	1.0	ND	1	08/31/06	09/01/06	
Manganese	EPA 200.7	6H31130	7.0	20	ND	1	08/31/06	09/03/06	
Mercury	EPA 245.1	6I05071	0.050	0.20	ND	1	09/05/06	09/05/06	
Nickel	EPA 200.7	6H31130	2.0	10	ND	1	08/31/06	09/03/06	
Selenium	EPA 200.8	6H31128	0.30	2.0	ND	1	08/31/06	09/01/06	
Silver	EPA 200.8	6H31128	0.025	1.0	ND	1	08/31/06	09/01/06	
Thallium	EPA 200.8	6H31128	0.15	1.0	ND	1	08/31/06	09/01/06	
Zinc	EPA 200.7	6H31130	15	20	ND	1	08/31/06	09/03/06	

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 Media Test
 Report Number: IPH2351

Sampled: 08/16/06-08/31/06
 Received: 08/21/06

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-10 (Riprap-leachate - Water)					Sampled: 08/31/06				
Reporting Units: ug/l									
Antimony	EPA 200.8	6H31128	0.050	2.0	0.092	1	08/31/06	09/01/06	J
Arsenic	EPA 200.7	6H31130	4.4	5.0	ND	1	08/31/06	09/03/06	
Beryllium	EPA 200.7	6H31130	0.90	2.0	ND	1	08/31/06	09/03/06	
Cadmium	EPA 200.8	6H31128	0.025	1.0	ND	1	08/31/06	09/01/06	
Copper	EPA 200.8	6H31128	0.25	2.0	0.33	1	08/31/06	09/01/06	J
Lead	EPA 200.8	6H31128	0.040	1.0	ND	1	08/31/06	09/01/06	
Manganese	EPA 200.7	6H31130	7.0	20	ND	1	08/31/06	09/03/06	
Mercury	EPA 245.1	6I05071	0.050	0.20	ND	1	09/05/06	09/05/06	
Nickel	EPA 200.7	6H31130	2.0	10	ND	1	08/31/06	09/03/06	
Selenium	EPA 200.8	6H31128	0.30	2.0	ND	1	08/31/06	09/01/06	
Silver	EPA 200.8	6H31128	0.025	1.0	ND	1	08/31/06	09/01/06	
Thallium	EPA 200.8	6H31128	0.15	1.0	ND	1	08/31/06	09/01/06	
Zinc	EPA 200.7	6H31130	15	20	ND	1	08/31/06	09/03/06	

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Received: 08/21/06

INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-07 (#8 Sand-Leachate - Water)					Sampled: 08/24/06				
Reporting Units: mg/l									
Ammonia-N (Distilled)	EPA 350.2	6H28102	0.30	0.50	ND	1	08/28/06	08/28/06	
Chloride	EPA 300.0	6H24119	0.15	0.50	ND	1	08/24/06	08/24/06	
Fluoride	EPA 300.0	6H24119	0.15	0.50	ND	1	08/24/06	08/24/06	
Nitrate-N	EPA 300.0	6H24119	0.060	0.11	ND	1	08/24/06	08/24/06	
Nitrite-N	EPA 300.0	6H24119	0.090	0.15	ND	1	08/24/06	08/24/06	
Nitrate/Nitrite-N	EPA 300.0	6H24119	0.080	0.15	ND	1	08/24/06	08/24/06	
Oil & Grease	EPA 413.1	6H26050	0.90	4.8	ND	1	08/26/06	08/26/06	
Sulfate	EPA 300.0	6H24119	0.45	0.50	ND	1	08/24/06	08/24/06	
Surfactants (MBAS)	SM5540-C	6H24129	0.044	0.10	ND	1	08/24/06	08/24/06	
Total Dissolved Solids	SM2540C	6H25113	10	10	30	1	08/25/06	08/25/06	
Sample ID: IPH2351-08 (Gabion Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
Ammonia-N (Distilled)	EPA 350.2	6I01098	0.30	0.50	ND	1	09/01/06	09/01/06	
Chloride	EPA 300.0	6H31112	0.15	0.50	0.18	1	08/31/06	08/31/06	J
Fluoride	EPA 300.0	6H31112	0.15	0.50	0.18	1	08/31/06	08/31/06	B, J
Nitrate-N	EPA 300.0	6H31112	0.060	0.11	ND	1	08/31/06	08/31/06	
Nitrite-N	EPA 300.0	6H31112	0.090	0.15	ND	1	08/31/06	08/31/06	
Nitrate/Nitrite-N	EPA 300.0	6H31112	0.080	0.15	ND	1	08/31/06	08/31/06	
Oil & Grease	EPA 413.1	6I02046	1.2	6.6	ND	1	09/02/06	09/02/06	
Sulfate	EPA 300.0	6H31112	0.45	0.50	ND	1	08/31/06	08/31/06	
Surfactants (MBAS)	SM5540-C	6H31105	0.044	0.10	ND	1	08/31/06	08/31/06	
Total Dissolved Solids	SM2540C	6I01073	10	10	25	1	09/01/06	09/01/06	
Sample ID: IPH2351-09 (2" < Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
Ammonia-N (Distilled)	EPA 350.2	6I01098	0.30	0.50	ND	1	09/01/06	09/01/06	
Chloride	EPA 300.0	6H31112	0.15	0.50	ND	1	08/31/06	08/31/06	
Fluoride	EPA 300.0	6H31112	0.15	0.50	0.17	1	08/31/06	08/31/06	B, J
Nitrate-N	EPA 300.0	6H31112	0.060	0.11	ND	1	08/31/06	08/31/06	
Nitrite-N	EPA 300.0	6H31112	0.090	0.15	ND	1	08/31/06	08/31/06	
Nitrate/Nitrite-N	EPA 300.0	6H31112	0.080	0.15	ND	1	08/31/06	08/31/06	
Oil & Grease	EPA 413.1	6I02046	1.3	6.8	ND	1	09/02/06	09/02/06	
Sulfate	EPA 300.0	6H31112	0.45	0.50	0.54	1	08/31/06	08/31/06	
Surfactants (MBAS)	SM5540-C	6H31105	0.044	0.10	ND	1	08/31/06	08/31/06	
Total Dissolved Solids	SM2540C	6I01073	10	10	22	1	09/01/06	09/01/06	

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Project ID: Boeing-SSFL BMP
Media Test
Report Number: IPH2351

Sampled: 08/16/06-08/31/06
Received: 08/21/06

INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-10 (Riprap-leachate - Water)					Sampled: 08/31/06				
Reporting Units: mg/l									
Ammonia-N (Distilled)	EPA 350.2	6I01098	0.30	0.50	ND	1	09/01/06	09/01/06	
Chloride	EPA 300.0	6H31112	0.15	0.50	0.27	1	08/31/06	08/31/06	J
Fluoride	EPA 300.0	6H31112	0.15	0.50	ND	1	08/31/06	08/31/06	
Nitrate-N	EPA 300.0	6H31112	0.060	0.11	0.089	1	08/31/06	08/31/06	J
Nitrite-N	EPA 300.0	6H31112	0.090	0.15	ND	1	08/31/06	08/31/06	
Nitrate/Nitrite-N	EPA 300.0	6H31112	0.080	0.15	0.089	1	08/31/06	08/31/06	J
Oil & Grease	EPA 413.1	6I02046	1.1	5.7	ND	1	09/02/06	09/02/06	
Sulfate	EPA 300.0	6H31112	0.45	0.50	0.51	1	08/31/06	08/31/06	
Surfactants (MBAS)	SM5540-C	6H31105	0.044	0.10	0.064	1	08/31/06	08/31/06	J
Total Dissolved Solids	SM2540C	6I01073	10	10	26	1	09/01/06	09/01/06	
Sample ID: IPH2351-07 (#8 Sand-Leachate - Water)					Sampled: 08/24/06				
Reporting Units: pH Units									
pH	EPA 150.1	6H24125	0.00	NA	9.59	1	08/24/06	08/24/06	
Sample ID: IPH2351-08 (Gabion Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: pH Units									
pH	EPA 150.1	6H31132	0.00	NA	9.05	1	08/31/06	08/31/06	
Sample ID: IPH2351-09 (2" < Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: pH Units									
pH	EPA 150.1	6H31132	0.00	NA	9.13	1	08/31/06	08/31/06	
Sample ID: IPH2351-10 (Riprap-leachate - Water)					Sampled: 08/31/06				
Reporting Units: pH Units									
pH	EPA 150.1	6H31132	0.00	NA	9.30	1	08/31/06	08/31/06	
Sample ID: IPH2351-07 (#8 Sand-Leachate - Water)					Sampled: 08/24/06				
Reporting Units: ug/l									
Chromium VI	EPA 218.6	6H24120	0.10	1.0	ND	1	08/24/06	08/24/06	
Total Cyanide	EPA 335.2	6H24157	2.2	5.0	ND	1	08/24/06	08/24/06	
Sample ID: IPH2351-08 (Gabion Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: ug/l									
Chromium VI	EPA 218.6	6H31157	0.10	1.0	ND	1	08/31/06	09/01/06	
Total Cyanide	EPA 335.2	6H31107	2.2	5.0	ND	1	08/31/06	08/31/06	
Sample ID: IPH2351-09 (2" < Rock-leachate - Water)					Sampled: 08/31/06				
Reporting Units: ug/l									
Chromium VI	EPA 218.6	6H31157	0.10	1.0	ND	1	08/31/06	09/01/06	
Total Cyanide	EPA 335.2	6H31107	2.2	5.0	ND	1	08/31/06	08/31/06	

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INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPH2351-10 (Riprap-leachate - Water)					Sampled: 08/31/06				
Reporting Units: ug/l									
Chromium VI	EPA 218.6	6H31157	0.10	1.0	ND	1	08/31/06	09/01/06	
Total Cyanide	EPA 335.2	6H31107	2.2	5.0	ND	1	08/31/06	08/31/06	

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 Report Number: IPH2351

Sampled: 08/16/06-08/31/06
 Received: 08/21/06

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: #8 Sand-Leachate (IPH2351-07) - Water					
EPA 150.1	1	08/24/2006 10:45	08/21/2006 12:45	08/24/2006 15:00	08/24/2006 15:40
EPA 218.6	1	08/24/2006 10:45	08/21/2006 12:45	08/24/2006 15:00	08/24/2006 15:49
EPA 300.0	2	08/24/2006 10:45	08/21/2006 12:45	08/24/2006 15:30	08/24/2006 16:38
SM5540-C	2	08/24/2006 10:45	08/21/2006 12:45	08/24/2006 17:19	08/24/2006 17:56
Sample ID: Gabion Rock-leachate (IPH2351-08) - Water					
EPA 150.1	1	08/31/2006 11:30	08/21/2006 12:45	08/31/2006 15:30	08/31/2006 16:00
EPA 218.6	1	08/31/2006 11:30	08/21/2006 12:45	08/31/2006 22:00	09/01/2006 00:34
EPA 300.0	2	08/31/2006 11:30	08/21/2006 12:45	08/31/2006 15:00	08/31/2006 15:35
SM5540-C	2	08/31/2006 11:30	08/21/2006 12:45	08/31/2006 13:55	08/31/2006 16:58
Sample ID: 2" < Rock-leachate (IPH2351-09) - Water					
EPA 150.1	1	08/31/2006 11:30	08/21/2006 12:45	08/31/2006 15:30	08/31/2006 16:00
EPA 218.6	1	08/31/2006 11:30	08/21/2006 12:45	08/31/2006 22:00	09/01/2006 00:45
EPA 300.0	2	08/31/2006 11:30	08/21/2006 12:45	08/31/2006 15:00	08/31/2006 15:48
SM5540-C	2	08/31/2006 11:30	08/21/2006 12:45	08/31/2006 13:55	08/31/2006 16:58
Sample ID: Riprap-leachate (IPH2351-10) - Water					
EPA 150.1	1	08/31/2006 11:30	08/21/2006 12:45	08/31/2006 15:30	08/31/2006 16:00
EPA 218.6	1	08/31/2006 11:30	08/21/2006 12:45	08/31/2006 22:00	09/01/2006 00:56
EPA 300.0	2	08/31/2006 11:30	08/21/2006 12:45	08/31/2006 15:00	08/31/2006 16:01
SM5540-C	2	08/31/2006 11:30	08/21/2006 12:45	08/31/2006 13:55	08/31/2006 16:58

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TCLP EXTRACTION (DI WATER) - Zero Headspace (ZHE)

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IPH2351-01 (Gabion Rock - Solid)			Sampled: 08/16/06		
Extraction	EPA 1311-ZHE	6H31146	8/31/2006	9/1/2006	
Sample ID: IPH2351-02 (2" < Rock - Solid)			Sampled: 08/16/06		
Extraction	EPA 1311-ZHE	6H31146	8/31/2006	9/1/2006	
Sample ID: IPH2351-03 (#8 Sand - Solid)			Sampled: 08/16/06		
Extraction	EPA 1311-ZHE	6H25119	8/25/2006	8/26/2006	
Sample ID: IPH2351-04 (Riprap - Solid)			Sampled: 08/16/06		
Extraction	EPA 1311-ZHE	6H31146	8/31/2006	9/1/2006	

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TCLP EXTRACTION (DI WATER) - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IPH2351-01 (Gabion Rock - Solid)			Sampled: 08/16/06		
Extraction	EPA 1311-Met-DI	6H30149	8/30/2006	8/31/2006	
Sample ID: IPH2351-02 (2" < Rock - Solid)			Sampled: 08/16/06		
Extraction	EPA 1311-Met-DI	6H30149	8/30/2006	8/31/2006	
Sample ID: IPH2351-03 (#8 Sand - Solid)			Sampled: 08/16/06		
Extraction	EPA 1311-Met-DI	6H23140	8/23/2006	8/24/2006	
Sample ID: IPH2351-04 (Riprap - Solid)			Sampled: 08/16/06		
Extraction	EPA 1311-Met-DI	6H30149	8/30/2006	8/31/2006	

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METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H26059 Extracted: 08/26/06											
Blank Analyzed: 08/26/2006 (6H26059-BLK1)											
Total Recoverable Hydrocarbons	ND	1.0	0.31	mg/l							
LCS Analyzed: 08/26/2006 (6H26059-BS1)											
Total Recoverable Hydrocarbons	5.07	1.0	0.31	mg/l	5.00		101	65-120			M-NR1
LCS Dup Analyzed: 08/26/2006 (6H26059-BSD1)											
Total Recoverable Hydrocarbons	4.84	1.0	0.31	mg/l	5.00		97	65-120	5	20	
Batch: 6I01066 Extracted: 09/01/06											
Blank Analyzed: 09/01/2006 (6I01066-BLK1)											
Total Recoverable Hydrocarbons	ND	0.96	0.30	mg/l							
LCS Analyzed: 09/01/2006 (6I01066-BS1)											
Total Recoverable Hydrocarbons	4.77	0.96	0.30	mg/l	4.81		99	65-120			M-NR1
LCS Dup Analyzed: 09/01/2006 (6I01066-BSD1)											
Total Recoverable Hydrocarbons	4.88	0.96	0.30	mg/l	4.81		101	65-120	2	20	

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METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H29100 Extracted: 08/29/06											
Blank Analyzed: 08/30/2006 (6H29100-BLK1)											
EFH (C13 - C22)	ND	2.5	0.22	mg/l							
EFH (C13 - C40)	ND	2.5	0.22	mg/l							
Surrogate: n-Octacosane	0.694			mg/l	1.00		69	40-125			
LCS Analyzed: 08/30/2006 (6H29100-BS1)											
EFH (C13 - C40)	0.490	0.50	0.045	mg/l	0.750		65	40-120			M-NR1 J
Surrogate: n-Octacosane	0.131			mg/l	0.200		66	40-125			
LCS Dup Analyzed: 08/30/2006 (6H29100-BSD1)											
EFH (C13 - C40)	0.480	0.50	0.045	mg/l	0.750		64	40-120	2	25	J
Surrogate: n-Octacosane	0.118			mg/l	0.200		59	40-125			
Batch: 6I05053 Extracted: 09/05/06											
Blank Analyzed: 09/05/2006 (6I05053-BLK1)											
EFH (C13 - C22)	ND	0.47	0.042	mg/l							
EFH (C13 - C40)	ND	0.47	0.042	mg/l							
Surrogate: n-Octacosane	0.157			mg/l	0.189		83	40-125			
LCS Analyzed: 09/05/2006 (6I05053-BS1)											
EFH (C13 - C40)	0.588	0.48	0.043	mg/l	0.721		82	40-120			M-NR1
Surrogate: n-Octacosane	0.134			mg/l	0.192		70	40-125			
LCS Dup Analyzed: 09/05/2006 (6I05053-BSD1)											
EFH (C13 - C40)	0.518	0.47	0.042	mg/l	0.708		73	40-120	13	25	
Surrogate: n-Octacosane	0.114			mg/l	0.189		60	40-125			

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VOLATILE FUEL HYDROCARBONS (EPA 5030/CADHS Mod. 8015)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6I01125 Extracted: 09/01/06											
Blank Analyzed: 09/01/2006 (6I01125-BLK1)											
GRO (C4 - C12)	ND	0.10	0.050	mg/l							
Surrogate: 4-BFB (FID)	0.00742			mg/l	0.0100		74	65-140			
LCS Analyzed: 09/01/2006 (6I01125-BS1)											
GRO (C4 - C12)	0.869	0.10	0.050	mg/l	0.800		109	65-140			
Surrogate: 4-BFB (FID)	0.0331			mg/l	0.0300		110	65-140			
Matrix Spike Analyzed: 09/01/2006 (6I01125-MS1) Source: IPH2351-08											
GRO (C4 - C12)	0.230	0.10	0.050	mg/l	0.220	ND	105	60-145			
Surrogate: 4-BFB (FID)	0.0139			mg/l	0.0100		139	65-140			
Batch: 6I08046 Extracted: 09/08/06											
Blank Analyzed: 09/08/2006 (6I08046-BLK1)											
GRO (C4 - C12)	ND	0.10	0.025	mg/l							
Surrogate: 4-BFB (FID)	0.00990			mg/l	0.0100		99	65-140			
LCS Analyzed: 09/08/2006 (6I08046-BS1)											
GRO (C4 - C12)	0.761	0.10	0.025	mg/l	0.800		95	65-140			
Surrogate: 4-BFB (FID)	0.0381			mg/l	0.0300		127	65-140			
Matrix Spike Analyzed: 09/08/2006 (6I08046-MS1) Source: IPH3064-15											
GRO (C4 - C12)	0.274	0.10	0.025	mg/l	0.220	0.080	88	60-145			
Surrogate: 4-BFB (FID)	0.0104			mg/l	0.0100		104	65-140			
Matrix Spike Dup Analyzed: 09/08/2006 (6I08046-MSD1) Source: IPH3064-15											
GRO (C4 - C12)	0.270	0.10	0.025	mg/l	0.220	0.080	86	60-145	1	20	
Surrogate: 4-BFB (FID)	0.0102			mg/l	0.0100		102	65-140			

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ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: 6H24103 Extracted: 08/24/06											
Blank Analyzed: 08/28/2006 (6H24103-BLK1)											
Aldrin	ND	0.50	0.15	ug/l							
alpha-BHC	ND	0.50	0.10	ug/l							
alpha-BHC	0.00947	0.050	0.0050	ug/l							J
beta-BHC	ND	0.50	0.075	ug/l							
delta-BHC	ND	1.0	0.10	ug/l							
gamma-BHC (Lindane)	ND	0.50	0.10	ug/l							
Chlordane	ND	5.0	1.0	ug/l							
4,4'-DDD	ND	0.50	0.10	ug/l							
4,4'-DDE	ND	0.50	0.12	ug/l							
4,4'-DDT	ND	0.50	0.18	ug/l							
Dieldrin	ND	0.50	0.075	ug/l							
Endosulfan I	ND	0.50	0.075	ug/l							
Endosulfan II	ND	0.50	0.20	ug/l							
Endosulfan sulfate	ND	1.0	0.10	ug/l							
Endrin	ND	0.50	0.10	ug/l							
Endrin aldehyde	ND	0.50	0.22	ug/l							
Endrin ketone	ND	0.50	0.10	ug/l							
Heptachlor	ND	0.50	0.15	ug/l							
Heptachlor epoxide	ND	0.50	0.15	ug/l							
Methoxychlor	ND	0.50	0.18	ug/l							
Toxaphene	ND	25	7.5	ug/l							
Surrogate: Tetrachloro-m-xylene	1.57			ug/l	2.50		63	35-115			
Surrogate: Decachlorobiphenyl	2.10			ug/l	2.50		84	45-120			
Surrogate: Tetrachloro-m-xylene	1.57			ug/l	2.50		63	35-115			
Surrogate: Decachlorobiphenyl	2.10			ug/l	2.50		84	45-120			
LCS Analyzed: 08/28/2006 (6H24103-BS1)											
Aldrin	1.57	0.50	0.15	ug/l	2.50		63	35-120			M-NR1
alpha-BHC	1.57	0.50	0.10	ug/l	2.50		63	45-120			
alpha-BHC	1.57	0.050	0.0050	ug/l	2.50		63	45-120			
beta-BHC	1.80	0.50	0.075	ug/l	2.50		72	50-120			
delta-BHC	1.68	1.0	0.10	ug/l	2.50		67	50-120			
gamma-BHC (Lindane)	1.59	0.50	0.10	ug/l	2.50		64	40-120			
4,4'-DDD	1.89	0.50	0.10	ug/l	2.50		76	55-120			
4,4'-DDE	1.77	0.50	0.12	ug/l	2.50		71	50-120			
4,4'-DDT	1.94	0.50	0.18	ug/l	2.50		78	55-120			

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ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: 6H24103 Extracted: 08/24/06											
LCS Analyzed: 08/28/2006 (6H24103-BS1)											
Dieldrin	1.87	0.50	0.075	ug/l	2.50		75	50-120			M-NR1
Endosulfan I	1.81	0.50	0.075	ug/l	2.50		72	50-120			
Endosulfan II	2.03	0.50	0.20	ug/l	2.50		81	55-120			
Endosulfan sulfate	2.25	1.0	0.10	ug/l	2.50		90	60-120			
Endrin	2.02	0.50	0.10	ug/l	2.50		81	55-120			
Endrin aldehyde	2.12	0.50	0.22	ug/l	2.50		85	55-120			
Endrin ketone	2.03	0.50	0.10	ug/l	2.50		81	55-120			
Heptachlor	1.78	0.50	0.15	ug/l	2.50		71	40-115			
Heptachlor epoxide	1.81	0.50	0.15	ug/l	2.50		72	50-120			
Methoxychlor	2.01	0.50	0.18	ug/l	2.50		80	55-120			
Surrogate: Tetrachloro-m-xylene	1.65			ug/l	2.50		66	35-115			
Surrogate: Decachlorobiphenyl	2.05			ug/l	2.50		82	45-120			
Surrogate: Tetrachloro-m-xylene	1.65			ug/l	2.50		66	35-115			
Surrogate: Decachlorobiphenyl	2.05			ug/l	2.50		82	45-120			
LCS Dup Analyzed: 08/28/2006 (6H24103-BSD1)											
Aldrin	1.89	0.50	0.15	ug/l	2.50		76	35-120	18	30	
alpha-BHC	1.87	0.50	0.10	ug/l	2.50		75	45-120	17	30	
alpha-BHC	1.87	0.050	0.0050	ug/l	2.50		75	45-120	17	30	
beta-BHC	2.06	0.50	0.075	ug/l	2.50		82	50-120	13	30	
delta-BHC	1.88	1.0	0.10	ug/l	2.50		75	50-120	11	30	
gamma-BHC (Lindane)	1.89	0.50	0.10	ug/l	2.50		76	40-120	17	30	
4,4'-DDD	2.09	0.50	0.10	ug/l	2.50		84	55-120	10	30	
4,4'-DDE	2.01	0.50	0.12	ug/l	2.50		80	50-120	13	30	
4,4'-DDT	2.14	0.50	0.18	ug/l	2.50		86	55-120	10	30	
Dieldrin	2.13	0.50	0.075	ug/l	2.50		85	50-120	13	30	
Endosulfan I	2.08	0.50	0.075	ug/l	2.50		83	50-120	14	30	
Endosulfan II	2.25	0.50	0.20	ug/l	2.50		90	55-120	10	30	
Endosulfan sulfate	2.46	1.0	0.10	ug/l	2.50		98	60-120	9	30	
Endrin	2.30	0.50	0.10	ug/l	2.50		92	55-120	13	30	
Endrin aldehyde	2.16	0.50	0.22	ug/l	2.50		86	55-120	2	30	
Endrin ketone	2.22	0.50	0.10	ug/l	2.50		89	55-120	9	30	
Heptachlor	2.11	0.50	0.15	ug/l	2.50		84	40-115	17	30	
Heptachlor epoxide	2.11	0.50	0.15	ug/l	2.50		84	50-120	15	30	
Methoxychlor	2.21	0.50	0.18	ug/l	2.50		88	55-120	9	30	
Surrogate: Tetrachloro-m-xylene	1.96			ug/l	2.50		78	35-115			

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ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H24103 Extracted: 08/24/06											
LCS Dup Analyzed: 08/28/2006 (6H24103-BSD1)											
Surrogate: Decachlorobiphenyl	2.24			ug/l	2.50		90	45-120			
Surrogate: Tetrachloro-m-xylene	1.96			ug/l	2.50		78	35-115			
Surrogate: Decachlorobiphenyl	2.24			ug/l	2.50		90	45-120			
Batch: 6I06055 Extracted: 09/06/06											
Blank Analyzed: 09/06/2006 (6I06055-BLK1)											
Aldrin	ND	0.50	0.15	ug/l							
alpha-BHC	ND	0.50	0.10	ug/l							
alpha-BHC	0.0221	0.050	0.0050	ug/l							J
beta-BHC	ND	0.50	0.075	ug/l							
delta-BHC	ND	1.0	0.10	ug/l							
gamma-BHC (Lindane)	ND	0.50	0.10	ug/l							
Chlordane	ND	5.0	1.0	ug/l							
4,4'-DDD	ND	0.50	0.10	ug/l							
4,4'-DDE	ND	0.50	0.12	ug/l							
4,4'-DDT	ND	0.50	0.18	ug/l							
Dieldrin	ND	0.50	0.075	ug/l							
Endosulfan I	ND	0.50	0.075	ug/l							
Endosulfan II	ND	0.50	0.20	ug/l							
Endosulfan sulfate	ND	1.0	0.10	ug/l							
Endrin	ND	0.50	0.10	ug/l							
Endrin aldehyde	ND	0.50	0.22	ug/l							
Endrin ketone	ND	0.50	0.10	ug/l							
Heptachlor	ND	0.50	0.15	ug/l							
Heptachlor epoxide	ND	0.50	0.15	ug/l							
Methoxychlor	ND	0.50	0.18	ug/l							
Toxaphene	ND	25	7.5	ug/l							
Surrogate: Tetrachloro-m-xylene	1.60			ug/l	2.50		64	35-115			
Surrogate: Decachlorobiphenyl	2.26			ug/l	2.50		90	45-120			
Surrogate: Tetrachloro-m-xylene	1.60			ug/l	2.50		64	35-115			
Surrogate: Decachlorobiphenyl	2.26			ug/l	2.50		90	45-120			

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ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: 6106055 Extracted: 09/06/06											
LCS Analyzed: 09/06/2006 (6106055-BS1)											
Aldrin	2.16	0.50	0.15	ug/l	2.50		86	35-120			M-NR1
alpha-BHC	2.13	0.050	0.0050	ug/l	2.50		85	45-120			
alpha-BHC	2.13	0.50	0.10	ug/l	2.50		85	45-120			
beta-BHC	2.46	0.50	0.075	ug/l	2.50		98	50-120			
delta-BHC	2.25	1.0	0.10	ug/l	2.50		90	50-120			
gamma-BHC (Lindane)	2.15	0.50	0.10	ug/l	2.50		86	40-120			
4,4'-DDD	2.52	0.50	0.10	ug/l	2.50		101	55-120			
4,4'-DDE	2.30	0.50	0.12	ug/l	2.50		92	50-120			
4,4'-DDT	2.34	0.50	0.18	ug/l	2.50		94	55-120			
Dieldrin	ND	0.50	0.075	ug/l	2.50			50-120			N-2
Endosulfan I	2.53	0.50	0.075	ug/l	2.50		101	50-120			
Endosulfan II	1.08	0.50	0.20	ug/l	2.50		43	55-120			N-2
Endosulfan sulfate	2.46	1.0	0.10	ug/l	2.50		98	60-120			
Endrin	ND	0.50	0.10	ug/l	2.50			55-120			N-2
Endrin aldehyde	1.22	0.50	0.22	ug/l	2.50		49	55-120			N-2
Endrin ketone	2.82	0.50	0.10	ug/l	2.50		113	55-120			
Heptachlor	2.38	0.50	0.15	ug/l	2.50		95	40-115			
Heptachlor epoxide	2.27	0.50	0.15	ug/l	2.50		91	50-120			
Methoxychlor	0.243	0.50	0.18	ug/l	2.50		10	55-120			N-2, J
Surrogate: Tetrachloro-m-xylene	2.17			ug/l	2.50		87	35-115			
Surrogate: Decachlorobiphenyl	2.51			ug/l	2.50		100	45-120			
Surrogate: Tetrachloro-m-xylene	2.17			ug/l	2.50		87	35-115			
Surrogate: Decachlorobiphenyl	2.51			ug/l	2.50		100	45-120			
LCS Dup Analyzed: 09/06/2006 (6106055-BSD1)											
Aldrin	1.95	0.50	0.15	ug/l	2.50		78	35-120	10	30	
alpha-BHC	2.03	0.50	0.10	ug/l	2.50		81	45-120	5	30	
alpha-BHC	2.03	0.050	0.0050	ug/l	2.50		81	45-120	5	30	
beta-BHC	2.28	0.50	0.075	ug/l	2.50		91	50-120	8	30	
delta-BHC	2.08	1.0	0.10	ug/l	2.50		83	50-120	8	30	
gamma-BHC (Lindane)	1.96	0.50	0.10	ug/l	2.50		78	40-120	9	30	
4,4'-DDD	2.37	0.50	0.10	ug/l	2.50		95	55-120	6	30	
4,4'-DDE	2.12	0.50	0.12	ug/l	2.50		85	50-120	8	30	
4,4'-DDT	2.23	0.50	0.18	ug/l	2.50		89	55-120	5	30	
Dieldrin	ND	0.50	0.075	ug/l	2.50			50-120		30	N-2
Endosulfan I	2.31	0.50	0.075	ug/l	2.50		92	50-120	9	30	

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ORGANOCHLORINE PESTICIDES (EPA 608)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6I06055 Extracted: 09/06/06											
LCS Dup Analyzed: 09/06/2006 (6I06055-BSD1)											
Endosulfan II	0.824	0.50	0.20	ug/l	2.50		33	55-120	27	30	N-2
Endosulfan sulfate	2.19	1.0	0.10	ug/l	2.50		88	60-120	12	30	
Endrin	ND	0.50	0.10	ug/l	2.50			55-120		30	N-2
Endrin aldehyde	0.835	0.50	0.22	ug/l	2.50		33	55-120	37	30	N-2
Endrin ketone	2.55	0.50	0.10	ug/l	2.50		102	55-120	10	30	
Heptachlor	2.16	0.50	0.15	ug/l	2.50		86	40-115	10	30	
Heptachlor epoxide	2.09	0.50	0.15	ug/l	2.50		84	50-120	8	30	
Methoxychlor	ND	0.50	0.18	ug/l	2.50			55-120		30	N-2
Surrogate: Tetrachloro-m-xylene	1.99			ug/l	2.50		80	35-115			
Surrogate: Decachlorobiphenyl	2.43			ug/l	2.50		97	45-120			
Surrogate: Tetrachloro-m-xylene	1.99			ug/l	2.50		80	35-115			
Surrogate: Decachlorobiphenyl	2.43			ug/l	2.50		97	45-120			

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TOTAL PCBS (EPA 608)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: 6H24103 Extracted: 08/24/06											
Blank Analyzed: 08/25/2006 (6H24103-BLK1)											
Aroclor 1016	ND	5.0	1.0	ug/l							
Aroclor 1221	ND	5.0	0.50	ug/l							
Aroclor 1232	ND	5.0	1.2	ug/l							
Aroclor 1242	ND	5.0	1.2	ug/l							
Aroclor 1248	ND	5.0	1.2	ug/l							
Aroclor 1254	ND	5.0	1.2	ug/l							
Aroclor 1260	ND	5.0	2.0	ug/l							
Surrogate: Decachlorobiphenyl	2.19			ug/l	2.50		88	45-120			
LCS Analyzed: 08/25/2006 (6H24103-BS2)											
M-NR1											
Aroclor 1016	18.0	5.0	1.0	ug/l	20.0		90	45-115			
Aroclor 1260	20.6	5.0	2.0	ug/l	20.0		103	55-115			
Surrogate: Decachlorobiphenyl	2.65			ug/l	2.50		106	45-120			
LCS Dup Analyzed: 08/25/2006 (6H24103-BSD2)											
Aroclor 1016	11.0	5.0	1.0	ug/l	20.0		55	45-115	48	30	R-7
Aroclor 1260	12.7	5.0	2.0	ug/l	20.0		64	55-115	47	25	R-7
Surrogate: Decachlorobiphenyl	1.51			ug/l	2.50		60	45-120			
Batch: 6I06055 Extracted: 09/06/06											
Blank Analyzed: 09/06/2006 (6I06055-BLK1)											
Aroclor 1016	ND	5.0	1.0	ug/l							
Aroclor 1221	ND	5.0	0.50	ug/l							
Aroclor 1232	ND	5.0	1.2	ug/l							
Aroclor 1242	ND	5.0	1.2	ug/l							
Aroclor 1248	ND	5.0	1.2	ug/l							
Aroclor 1254	ND	5.0	1.2	ug/l							
Aroclor 1260	ND	5.0	2.0	ug/l							
Surrogate: Decachlorobiphenyl	2.24			ug/l	2.50		90	45-120			

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TOTAL PCBS (EPA 608)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6106055 Extracted: 09/06/06											
LCS Analyzed: 09/06/2006 (6106055-BS2)											
Aroclor 1016	16.8	5.0	1.0	ug/l	20.0		84	45-115			M-NR1
Aroclor 1260	18.2	5.0	2.0	ug/l	20.0		91	55-115			
Surrogate: Decachlorobiphenyl	2.11			ug/l	2.50		84	45-120			
LCS Dup Analyzed: 09/06/2006 (6106055-BSD2)											
Aroclor 1016	15.7	5.0	1.0	ug/l	20.0		78	45-115	7	30	
Aroclor 1260	17.0	5.0	2.0	ug/l	20.0		85	55-115	7	25	
Surrogate: Decachlorobiphenyl	2.03			ug/l	2.50		81	45-120			

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METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H24112 Extracted: 08/24/06											
Blank Analyzed: 08/25/2006 (6H24112-BLK1)											
Arsenic	ND	5.0	4.4	ug/l							
Barium	ND	0.010	0.0060	mg/l							
Beryllium	ND	2.0	0.90	ug/l							
Boron	ND	0.050	0.0080	mg/l							
Iron	ND	0.040	0.015	mg/l							
Manganese	ND	20	7.0	ug/l							
Nickel	ND	10	2.0	ug/l							
Zinc	ND	20	15	ug/l							
LCS Analyzed: 08/25/2006 (6H24112-BS1)											
Arsenic	490	5.0	4.4	ug/l	500		98	85-115			
Barium	0.486	0.010	0.0060	mg/l	0.500		97	85-115			
Beryllium	495	2.0	0.90	ug/l	500		99	85-115			
Boron	0.479	0.050	0.0080	mg/l	0.500		96	85-115			
Iron	0.499	0.040	0.015	mg/l	0.500		100	85-115			
Manganese	498	20	7.0	ug/l	500		100	85-115			
Nickel	483	10	2.0	ug/l	500		97	85-115			
Zinc	489	20	15	ug/l	500		98	85-115			
Matrix Spike Analyzed: 08/25/2006 (6H24112-MS1)											
						Source: IPH2374-05					
Arsenic	495	5.0	4.4	ug/l	500	ND	99	70-130			
Barium	0.498	0.010	0.0060	mg/l	0.500	0.017	96	70-130			
Beryllium	502	2.0	0.90	ug/l	500	ND	100	70-130			
Boron	0.525	0.050	0.0080	mg/l	0.500	0.026	100	70-130			
Iron	0.498	0.040	0.015	mg/l	0.500	ND	100	70-130			
Manganese	500	20	7.0	ug/l	500	ND	100	70-130			
Nickel	484	10	2.0	ug/l	500	ND	97	70-130			
Zinc	494	20	15	ug/l	500	ND	99	70-130			

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METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H24112 Extracted: 08/24/06											
Matrix Spike Dup Analyzed: 08/25/2006 (6H24112-MSD1)						Source: IPH2374-05					
Arsenic	496	5.0	4.4	ug/l	500	ND	99	70-130	0	20	
Barium	0.503	0.010	0.0060	mg/l	0.500	0.017	97	70-130	1	20	
Beryllium	509	2.0	0.90	ug/l	500	ND	102	70-130	1	20	
Boron	0.536	0.050	0.0080	mg/l	0.500	0.026	102	70-130	2	20	
Iron	0.498	0.040	0.015	mg/l	0.500	ND	100	70-130	0	20	
Manganese	502	20	7.0	ug/l	500	ND	100	70-130	0	20	
Nickel	485	10	2.0	ug/l	500	ND	97	70-130	0	20	
Zinc	498	20	15	ug/l	500	ND	100	70-130	1	20	

Batch: 6H24115 Extracted: 08/24/06

Blank Analyzed: 08/24/2006 (6H24115-BLK1)

Antimony	ND	2.0	0.050	ug/l							
Cadmium	ND	1.0	0.025	ug/l							
Copper	ND	2.0	0.25	ug/l							
Lead	ND	1.0	0.040	ug/l							
Selenium	ND	2.0	0.30	ug/l							
Silver	ND	1.0	0.025	ug/l							
Thallium	ND	1.0	0.15	ug/l							

LCS Analyzed: 08/24/2006 (6H24115-BS1)

Antimony	89.9	2.0	0.050	ug/l	80.0		112	85-115			
Cadmium	90.2	1.0	0.025	ug/l	80.0		113	85-115			
Copper	79.6	2.0	0.25	ug/l	80.0		100	85-115			
Lead	79.9	1.0	0.040	ug/l	80.0		100	85-115			
Selenium	83.8	2.0	0.30	ug/l	80.0		105	85-115			
Silver	86.9	1.0	0.025	ug/l	80.0		109	85-115			
Thallium	80.2	1.0	0.15	ug/l	80.0		100	85-115			

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METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H24115 Extracted: 08/24/06											
Matrix Spike Analyzed: 08/24/2006 (6H24115-MS1)						Source: IPH2351-07					
Antimony	86.4	2.0	0.050	ug/l	80.0	0.19	108	70-130			
Cadmium	85.8	1.0	0.025	ug/l	80.0	ND	107	70-130			
Copper	80.1	2.0	0.25	ug/l	80.0	0.35	100	70-130			
Lead	80.1	1.0	0.040	ug/l	80.0	0.13	100	70-130			
Selenium	87.5	2.0	0.30	ug/l	80.0	4.1	104	70-130			
Silver	83.4	1.0	0.025	ug/l	80.0	ND	104	70-130			
Thallium	79.8	1.0	0.15	ug/l	80.0	ND	100	70-130			
Matrix Spike Dup Analyzed: 08/24/2006 (6H24115-MSD1)						Source: IPH2351-07					
Antimony	85.1	2.0	0.050	ug/l	80.0	0.19	106	70-130	2	20	
Cadmium	85.3	1.0	0.025	ug/l	80.0	ND	107	70-130	1	20	
Copper	81.1	2.0	0.25	ug/l	80.0	0.35	101	70-130	1	20	
Lead	79.9	1.0	0.040	ug/l	80.0	0.13	100	70-130	0	20	
Selenium	87.5	2.0	0.30	ug/l	80.0	4.1	104	70-130	0	20	
Silver	83.6	1.0	0.025	ug/l	80.0	ND	104	70-130	0	20	
Thallium	79.7	1.0	0.15	ug/l	80.0	ND	100	70-130	0	20	
Batch: 6H28054 Extracted: 08/28/06											
Blank Analyzed: 08/28/2006 (6H28054-BLK1)											
Mercury	ND	0.20	0.050	ug/l							
LCS Analyzed: 08/28/2006 (6H28054-BS1)											
Mercury	8.08	0.20	0.050	ug/l	8.00		101	85-115			
Matrix Spike Analyzed: 08/28/2006 (6H28054-MS1)						Source: IPH2653-03					
Mercury	9.02	0.20	0.050	ug/l	8.00	1.6	93	70-130			

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Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H28054 Extracted: 08/28/06											
Matrix Spike Dup Analyzed: 08/28/2006 (6H28054-MSD1)						Source: IPH2653-03					
Mercury	8.75	0.20	0.050	ug/l	8.00	1.6	89	70-130	3	20	
Batch: 6H31128 Extracted: 08/31/06											
Blank Analyzed: 09/01/2006 (6H31128-BLK1)											
Antimony	ND	2.0	0.050	ug/l							
Cadmium	ND	1.0	0.025	ug/l							
Copper	ND	2.0	0.25	ug/l							
Lead	ND	1.0	0.040	ug/l							
Selenium	ND	2.0	0.30	ug/l							
Silver	ND	1.0	0.025	ug/l							
Thallium	ND	1.0	0.15	ug/l							
LCS Analyzed: 09/01/2006 (6H31128-BS1)											
Antimony	74.0	2.0	0.050	ug/l	80.0		92	85-115			
Cadmium	70.8	1.0	0.025	ug/l	80.0		88	85-115			
Copper	73.9	2.0	0.25	ug/l	80.0		92	85-115			
Lead	77.9	1.0	0.040	ug/l	80.0		97	85-115			
Selenium	69.5	2.0	0.30	ug/l	80.0		87	85-115			
Silver	72.7	1.0	0.025	ug/l	80.0		91	85-115			
Thallium	78.0	1.0	0.15	ug/l	80.0		98	85-115			
Matrix Spike Analyzed: 09/01/2006 (6H31128-MS1)						Source: IPH2351-08					
Antimony	71.9	2.0	0.050	ug/l	80.0	0.39	89	70-130			
Cadmium	68.0	1.0	0.025	ug/l	80.0	ND	85	70-130			
Copper	71.7	2.0	0.25	ug/l	80.0	0.27	89	70-130			
Lead	78.4	1.0	0.040	ug/l	80.0	0.70	97	70-130			
Selenium	66.6	2.0	0.30	ug/l	80.0	ND	83	70-130			
Silver	68.9	1.0	0.025	ug/l	80.0	0.033	86	70-130			
Thallium	77.2	1.0	0.15	ug/l	80.0	ND	96	70-130			

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Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H31128 Extracted: 08/31/06											
Matrix Spike Dup Analyzed: 09/01/2006 (6H31128-MSD1)						Source: IPH2351-08					
Antimony	73.4	2.0	0.050	ug/l	80.0	0.39	91	70-130	2	20	
Cadmium	70.2	1.0	0.025	ug/l	80.0	ND	88	70-130	3	20	
Copper	73.7	2.0	0.25	ug/l	80.0	0.27	92	70-130	3	20	
Lead	78.9	1.0	0.040	ug/l	80.0	0.70	98	70-130	1	20	
Selenium	69.2	2.0	0.30	ug/l	80.0	ND	86	70-130	4	20	
Silver	71.1	1.0	0.025	ug/l	80.0	0.033	89	70-130	3	20	
Thallium	78.5	1.0	0.15	ug/l	80.0	ND	98	70-130	2	20	

Batch: 6H31130 Extracted: 08/31/06

Blank Analyzed: 09/02/2006 (6H31130-BLK1)

Arsenic	ND	5.0	4.4	ug/l							
Barium	ND	0.010	0.0060	mg/l							
Beryllium	ND	2.0	0.90	ug/l							
Boron	ND	0.050	0.0080	mg/l							
Iron	ND	0.040	0.015	mg/l							
Manganese	ND	20	7.0	ug/l							
Nickel	ND	10	2.0	ug/l							
Zinc	ND	20	15	ug/l							

LCS Analyzed: 09/02/2006 (6H31130-BS1)

Arsenic	456	5.0	4.4	ug/l	500		91	85-115			
Barium	0.483	0.010	0.0060	mg/l	0.500		97	85-115			
Beryllium	481	2.0	0.90	ug/l	500		96	85-115			
Boron	0.469	0.050	0.0080	mg/l	0.500		94	85-115			
Iron	0.481	0.040	0.015	mg/l	0.500		96	85-115			
Manganese	496	20	7.0	ug/l	500		99	85-115			
Nickel	463	10	2.0	ug/l	500		93	85-115			
Zinc	477	20	15	ug/l	500		95	85-115			

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METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H31130 Extracted: 08/31/06											
Matrix Spike Analyzed: 09/03/2006 (6H31130-MS1)						Source: IPH2351-09					
Arsenic	489	5.0	4.4	ug/l	500	ND	98	70-130			
Barium	0.477	0.010	0.0060	mg/l	0.500	ND	95	70-130			
Beryllium	510	2.0	0.90	ug/l	500	ND	102	70-130			
Boron	0.504	0.050	0.0080	mg/l	0.500	0.040	93	70-130			
Iron	0.557	0.040	0.015	mg/l	0.500	0.053	101	70-130			
Manganese	521	20	7.0	ug/l	500	ND	104	70-130			
Nickel	485	10	2.0	ug/l	500	ND	97	70-130			
Zinc	503	20	15	ug/l	500	ND	101	70-130			
Matrix Spike Dup Analyzed: 09/03/2006 (6H31130-MSD1)						Source: IPH2351-09					
Arsenic	465	5.0	4.4	ug/l	500	ND	93	70-130	5	20	
Barium	0.487	0.010	0.0060	mg/l	0.500	ND	97	70-130	2	20	
Beryllium	491	2.0	0.90	ug/l	500	ND	98	70-130	4	20	
Boron	0.514	0.050	0.0080	mg/l	0.500	0.040	95	70-130	2	20	
Iron	0.540	0.040	0.015	mg/l	0.500	0.053	97	70-130	3	20	
Manganese	501	20	7.0	ug/l	500	ND	100	70-130	4	20	
Nickel	466	10	2.0	ug/l	500	ND	93	70-130	4	20	
Zinc	483	20	15	ug/l	500	ND	97	70-130	4	20	
Batch: 6I05071 Extracted: 09/05/06											
Blank Analyzed: 09/05/2006 (6I05071-BLK1)											
Mercury	ND	0.20	0.050	ug/l							
LCS Analyzed: 09/05/2006 (6I05071-BS1)											
Mercury	7.88	0.20	0.050	ug/l	8.00		98	85-115			

TestAmerica - Irvine, CA
Michele Chamberlin
Project Manager

Onyx Environmental, Azusa
 107 S. Motor Ave.
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 Attention: Lori Wynd

Project ID: Boeing-SSFL BMP
 Media Test
 Report Number: IPH2351

Sampled: 08/16/06-08/31/06
 Received: 08/21/06

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6I05071 Extracted: 09/05/06											
Matrix Spike Analyzed: 09/05/2006 (6I05071-MS1)						Source: IPI0083-02					
Mercury	7.77	0.20	0.050	ug/l	8.00	ND	97	70-130			
Matrix Spike Dup Analyzed: 09/05/2006 (6I05071-MSD1)						Source: IPI0083-02					
Mercury	7.80	0.20	0.050	ug/l	8.00	ND	98	70-130	0	20	

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: 6H24119 Extracted: 08/24/06											
Blank Analyzed: 08/24/2006 (6H24119-BLK1)											
Chloride	ND	0.50	0.15	mg/l							
Fluoride	ND	0.50	0.15	mg/l							
Nitrate-N	ND	0.11	0.060	mg/l							
Nitrite-N	ND	0.15	0.090	mg/l							
Nitrate/Nitrite-N	ND	0.15	0.080	mg/l							
Sulfate	ND	0.50	0.45	mg/l							
LCS Analyzed: 08/24/2006 (6H24119-BS1)											
Chloride	4.97	0.50	0.15	mg/l	5.00		99	90-110			
Fluoride	4.82	0.50	0.15	mg/l	5.00		96	90-110			
Nitrate-N	1.19	0.11	0.060	mg/l	1.13		105	90-110			
Nitrite-N	1.47	0.15	0.090	mg/l	1.52		97	90-110			
Sulfate	10.2	0.50	0.45	mg/l	10.0		102	90-110			
Matrix Spike Analyzed: 08/24/2006 (6H24119-MS1) Source: IPH2351-07											
Chloride	4.94	0.50	0.15	mg/l	5.00	ND	99	80-120			
Fluoride	4.81	0.50	0.15	mg/l	5.00	ND	96	80-120			
Nitrate-N	1.19	0.11	0.060	mg/l	1.13	ND	105	80-120			
Nitrite-N	1.46	0.15	0.090	mg/l	1.52	ND	96	80-120			
Sulfate	10.3	0.50	0.45	mg/l	10.0	ND	103	80-120			
Matrix Spike Dup Analyzed: 08/24/2006 (6H24119-MSD1) Source: IPH2351-07											
Chloride	4.91	0.50	0.15	mg/l	5.00	ND	98	80-120	1	20	
Fluoride	4.80	0.50	0.15	mg/l	5.00	ND	96	80-120	0	20	
Nitrate-N	1.18	0.11	0.060	mg/l	1.13	ND	104	80-120	1	20	
Nitrite-N	1.44	0.15	0.090	mg/l	1.52	ND	95	80-120	1	20	
Sulfate	10.2	0.50	0.45	mg/l	10.0	ND	102	80-120	1	20	

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H24120 Extracted: 08/24/06											
Blank Analyzed: 08/24/2006 (6H24120-BLK1)											
Chromium VI	ND	1.0	0.10	ug/l							
LCS Analyzed: 08/24/2006 (6H24120-BS1)											
Chromium VI	49.4	1.0	0.10	ug/l	50.0		99	90-110			
Matrix Spike Analyzed: 08/24/2006 (6H24120-MS1)											
						Source: IPH2351-07					
Chromium VI	47.3	1.0	0.10	ug/l	50.0	ND	95	90-110			
Matrix Spike Dup Analyzed: 08/24/2006 (6H24120-MSD1)											
						Source: IPH2351-07					
Chromium VI	47.2	1.0	0.10	ug/l	50.0	ND	94	90-110	0	10	
Batch: 6H24125 Extracted: 08/24/06											
Duplicate Analyzed: 08/24/2006 (6H24125-DUP1)											
						Source: IPH2374-05					
pH	11.2	NA	0.00	pH Units		11.2			0	5	
Batch: 6H24129 Extracted: 08/24/06											
Blank Analyzed: 08/24/2006 (6H24129-BLK1)											
Surfactants (MBAS)	ND	0.10	0.044	mg/l							
LCS Analyzed: 08/24/2006 (6H24129-BS1)											
Surfactants (MBAS)	0.242	0.10	0.044	mg/l	0.250		97	90-110			
Matrix Spike Analyzed: 08/24/2006 (6H24129-MS1)											
						Source: IPH2351-07					
Surfactants (MBAS)	0.257	0.10	0.044	mg/l	0.250	ND	103	50-125			

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H24129 Extracted: 08/24/06											
Matrix Spike Dup Analyzed: 08/24/2006 (6H24129-MSD1)						Source: IPH2351-07					
Surfactants (MBAS)	0.259	0.10	0.044	mg/l	0.250	ND	104	50-125	1	20	
Batch: 6H24157 Extracted: 08/24/06											
Blank Analyzed: 08/24/2006 (6H24157-BLK1)											
Total Cyanide	ND	5.0	2.2	ug/l							
LCS Analyzed: 08/24/2006 (6H24157-BS1)											
Total Cyanide	198	5.0	2.2	ug/l	200		99	90-110			
Matrix Spike Analyzed: 08/24/2006 (6H24157-MS1)						Source: IPH2374-05					
Total Cyanide	187	5.0	2.2	ug/l	200	ND	94	70-115			
Matrix Spike Dup Analyzed: 08/24/2006 (6H24157-MSD1)						Source: IPH2374-05					
Total Cyanide	197	5.0	2.2	ug/l	200	ND	98	70-115	5	15	
Batch: 6H25113 Extracted: 08/25/06											
Blank Analyzed: 08/25/2006 (6H25113-BLK1)											
Total Dissolved Solids	ND	10	10	mg/l							
LCS Analyzed: 08/25/2006 (6H25113-BS1)											
Total Dissolved Solids	994	10	10	mg/l	1000		99	90-110			
Duplicate Analyzed: 08/25/2006 (6H25113-DUP1)						Source: IPH2351-07					
Total Dissolved Solids	32.0	10	10	mg/l		30			6	10	

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H26050 Extracted: 08/26/06											
Blank Analyzed: 08/26/2006 (6H26050-BLK1)											
Oil & Grease	ND	5.2	0.98	mg/l							
LCS Analyzed: 08/26/2006 (6H26050-BS1)											
Oil & Grease	19.4	5.0	0.94	mg/l	20.0		97	65-120			
LCS Dup Analyzed: 08/26/2006 (6H26050-BSD1)											
Oil & Grease	18.3	5.0	0.94	mg/l	20.0		92	65-120	6	20	
Matrix Spike Analyzed: 09/08/2006 (6H26050-MS1)											
Oil & Grease	18.9	5.0	0.93	mg/l	19.8	ND	95	65-120			A-01
Matrix Spike Dup Analyzed: 09/08/2006 (6H26050-MSD1)											
Oil & Grease	19.3	5.0	0.93	mg/l	19.8	ND	97	65-120	2	25	A-01
Batch: 6H28102 Extracted: 08/28/06											
Blank Analyzed: 08/28/2006 (6H28102-BLK1)											
Ammonia-N (Distilled)	ND	0.50	0.30	mg/l							
LCS Analyzed: 08/28/2006 (6H28102-BS1)											
Ammonia-N (Distilled)	10.9	0.50	0.30	mg/l	10.0		109	80-115			
Matrix Spike Analyzed: 08/28/2006 (6H28102-MS1)											
Ammonia-N (Distilled)	10.9	0.50	0.30	mg/l	10.0	ND	109	70-120			
Matrix Spike Dup Analyzed: 08/28/2006 (6H28102-MSD1)											
Ammonia-N (Distilled)	11.2	0.50	0.30	mg/l	10.0	ND	112	70-120	3	15	

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H31105 Extracted: 08/31/06											
Blank Analyzed: 08/31/2006 (6H31105-BLK1)											
Surfactants (MBAS)	ND	0.10	0.044	mg/l							
LCS Analyzed: 08/31/2006 (6H31105-BS1)											
Surfactants (MBAS)	0.252	0.10	0.044	mg/l	0.250		101	90-110			
Matrix Spike Analyzed: 08/31/2006 (6H31105-MS1)											
						Source: IPH3308-04					
Surfactants (MBAS)	0.239	0.10	0.044	mg/l	0.250	ND	96	50-125			
Matrix Spike Dup Analyzed: 08/31/2006 (6H31105-MSD1)											
						Source: IPH3308-04					
Surfactants (MBAS)	0.253	0.10	0.044	mg/l	0.250	ND	101	50-125	6	20	
Batch: 6H31107 Extracted: 08/31/06											
Blank Analyzed: 08/31/2006 (6H31107-BLK1)											
Total Cyanide	ND	5.0	2.2	ug/l							
LCS Analyzed: 08/31/2006 (6H31107-BS1)											
Total Cyanide	199	5.0	2.2	ug/l	200		100	90-110			
Matrix Spike Analyzed: 08/31/2006 (6H31107-MS1)											
						Source: IPH2351-08					
Total Cyanide	194	5.0	2.2	ug/l	200	ND	97	70-115			
Matrix Spike Dup Analyzed: 08/31/2006 (6H31107-MSD1)											
						Source: IPH2351-08					
Total Cyanide	197	5.0	2.2	ug/l	200	ND	98	70-115	2	15	
Batch: 6H31112 Extracted: 08/31/06											
Blank Analyzed: 08/31/2006 (6H31112-BLK1)											
Chloride	ND	0.50	0.15	mg/l							
Fluoride	0.177	0.50	0.15	mg/l							J
Nitrate-N	ND	0.11	0.060	mg/l							
Nitrite-N	ND	0.15	0.090	mg/l							
Nitrate/Nitrite-N	ND	0.15	0.080	mg/l							
Sulfate	ND	0.50	0.45	mg/l							

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
Batch: 6H31112 Extracted: 08/31/06											
LCS Analyzed: 08/31/2006 (6H31112-BS1)											
Chloride	4.72	0.50	0.15	mg/l	5.00		94	90-110			
Fluoride	4.83	0.50	0.15	mg/l	5.00		97	90-110			
Nitrate-N	1.14	0.11	0.060	mg/l	1.13		101	90-110			
Nitrite-N	1.46	0.15	0.090	mg/l	1.52		96	90-110			
Sulfate	9.77	0.50	0.45	mg/l	10.0		98	90-110			
Matrix Spike Analyzed: 08/31/2006 (6H31112-MS1) Source: IPH2351-08											
Chloride	4.81	0.50	0.15	mg/l	5.00	0.18	93	80-120			
Fluoride	4.82	0.50	0.15	mg/l	5.00	0.18	93	80-120			
Nitrate-N	1.15	0.11	0.060	mg/l	1.13	ND	102	80-120			
Nitrite-N	1.44	0.15	0.090	mg/l	1.52	ND	95	80-120			
Sulfate	9.65	0.50	0.45	mg/l	10.0	ND	96	80-120			
Matrix Spike Dup Analyzed: 08/31/2006 (6H31112-MSD1) Source: IPH2351-08											
Chloride	4.79	0.50	0.15	mg/l	5.00	0.18	92	80-120	0	20	
Fluoride	4.80	0.50	0.15	mg/l	5.00	0.18	92	80-120	0	20	
Nitrate-N	1.14	0.11	0.060	mg/l	1.13	ND	101	80-120	1	20	
Nitrite-N	1.45	0.15	0.090	mg/l	1.52	ND	95	80-120	1	20	
Sulfate	9.90	0.50	0.45	mg/l	10.0	ND	99	80-120	3	20	
Batch: 6H31132 Extracted: 08/31/06											
Duplicate Analyzed: 08/31/2006 (6H31132-DUP1) Source: IPH2351-08											
pH	9.05	NA	0.00	pH Units		9.05			0	5	
Batch: 6H31157 Extracted: 08/31/06											
Blank Analyzed: 09/01/2006 (6H31157-BLK1)											
Chromium VI	ND	1.0	0.10	ug/l							

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6H31157 Extracted: 08/31/06											
LCS Analyzed: 09/01/2006 (6H31157-BS1)											
Chromium VI	49.8	1.0	0.10	ug/l	50.0		100	90-110			
Matrix Spike Analyzed: 09/01/2006 (6H31157-MS1) Source: IPH2351-08											
Chromium VI	47.3	1.0	0.10	ug/l	50.0	ND	95	90-110			
Matrix Spike Dup Analyzed: 09/01/2006 (6H31157-MSD1) Source: IPH2351-08											
Chromium VI	47.9	1.0	0.10	ug/l	50.0	ND	96	90-110	1	10	
Batch: 6I01073 Extracted: 09/01/06											
Blank Analyzed: 09/01/2006 (6I01073-BLK1)											
Total Dissolved Solids	ND	10	10	mg/l							
Blank Analyzed: 09/01/2006 (6I01073-BLK2)											
Total Dissolved Solids	ND	10	10	mg/l							
LCS Analyzed: 09/01/2006 (6I01073-BS1)											
Total Dissolved Solids	994	10	10	mg/l	1000		99	90-110			
Duplicate Analyzed: 09/01/2006 (6I01073-DUP1) Source: IPH2351-08											
Total Dissolved Solids	25.0	10	10	mg/l		25			0	10	
Batch: 6I01098 Extracted: 09/01/06											
Blank Analyzed: 09/01/2006 (6I01098-BLK1)											
Ammonia-N (Distilled)	ND	0.50	0.30	mg/l							

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6I01098 Extracted: 09/01/06											
LCS Analyzed: 09/01/2006 (6I01098-BS1)											
Ammonia-N (Distilled)	10.6	0.50	0.30	mg/l	10.0		106	80-115			
Matrix Spike Analyzed: 09/01/2006 (6I01098-MS1) Source: IPH2351-08											
Ammonia-N (Distilled)	10.9	0.50	0.30	mg/l	10.0	ND	109	70-120			
Matrix Spike Dup Analyzed: 09/01/2006 (6I01098-MSD1) Source: IPH2351-08											
Ammonia-N (Distilled)	10.6	0.50	0.30	mg/l	10.0	ND	106	70-120	3	15	
Batch: 6I02046 Extracted: 09/02/06											
Blank Analyzed: 09/02/2006 (6I02046-BLK1)											
Oil & Grease	ND	5.0	0.94	mg/l							
LCS Analyzed: 09/02/2006 (6I02046-BS1) M-NR1											
Oil & Grease	18.0	5.0	0.94	mg/l	20.0		90	65-120			
LCS Dup Analyzed: 09/02/2006 (6I02046-BSD1)											
Oil & Grease	18.8	5.0	0.94	mg/l	20.0		94	65-120	4	20	

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DATA QUALIFIERS AND DEFINITIONS

- A-01** For QC purposes, analyzed 13 days later due to lab oversight.
- B** Analyte was detected in the associated Method Blank.
- H** Sample analysis performed past method-specified holding time.
- J** Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
- M-NR1** There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- N-2** See corrective action report.
- R-7** LFB/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

ADDITIONAL COMMENTS

For GRO (C4-C12):

GRO (C4-C12) is quantitated against a gasoline standard. Quantitation begins immediately following the methanol peak.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

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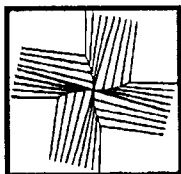
Certification Summary

TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 1311-Met-DI	Solid	N/A	N/A
EPA 1311-ZHE	Solid	X	X
EPA 150.1	Water	X	X
EPA 200.7	Water	X	X
EPA 200.8	Water	X	X
EPA 218.6	Water	N/A	X
EPA 245.1	Water	X	X
EPA 300.0	Water	X	X
EPA 335.2	Water	X	X
EPA 350.2	Water		X
EPA 413.1	Water	X	X
EPA 418.1	Water	X	X
EPA 608	Water	X	X
EPA 8015 Mod.	Water	X	X
EPA 8015B	Water	X	X
SM2540C	Water	X	X
SM5540-C	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica - Irvine, CA
 Michele Chamberlin
 Project Manager



EnviroSolve Corporation

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Agoura Hills, California 91301-3317
(818) 889-0090 / Fax (818) 889-6973

FAX COVER SHEET

Date: August 21, 2006

To: Michele Chamberlin **Phone:** (949) 261-1022

Company: Test America **Fax:** (949) 260-3297

From: Ralph Schmitt

Re: Rock and Sand Sample Testing

Project: Boeing SSFL

Number of pages, including cover sheet 2

Message

Michele,

A revised Chain of Custody form is attached for your use.

Thank you,

Ralph Schmitt

• Comprehensive Environmental Services •

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Michele Chamberlin

From: Lori Wynd [loriwynd@hotmail.com]
Sent: Friday, August 18, 2006 3:34 PM
To: Michele Chamberlin
Subject: COC replacement for stone samples



81706RockTestCO
C[1].doc (83 KB..)

Michele - attached is the replacement for the COC for the rock that was picked up on 8/16. Also - we will not need to run analytical on the 12" minus rock - only the gabion rock.

Thanks!

Lori Wynd
Office: 818-466-8741
Cell: 626-712-8337
Fax: 818-466-8746

>From: Richard A Haimann <Richard.A.Haimann@us.mwhglobal.com>
>To: loriwynd@hotmail.com
>Subject: Lab instructions for sand and aggregate samples
>Date: Thu, 17 Aug 2006 15:26:05 -0700

>
>Here you go
>
>For the lab.

>
>
>
>For the quarries:

>
>
>
>
>
>
>

>-----
>From the Desk of:
>Richard Haimann, P.E.
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Del Mar Analytical CHAIN OF CUSTODY FORM

Client Name/Address: ONYX Environmental Services 107 S. Motor Ave Azusa, CA 91702		Project: Boeing-SSFL BMP Rock Test		Project Manager: Lori Wynd Phone Number: 818-466-8741 Fax Number: 818-466-8746		ANALYSIS REQUIRED		Field readings: Temp = _____ pH = _____	
Project Manager: Lori Wynd Sampler: R. SCHMITT		Phone Number: 818-466-8741 Fax Number: 818-466-8746		Total Recoverable Metals: As, Ag, B, Ba, Be, Cd, Cu, Pb, Hg, Ni, Mn, Sb, Se, Ti, Fe, Zn		(EPA 300) Chloride, Fluoride, Sulfate, Perchlorate (EPA 314)		TDD TEQ (No extra congeners for dioxins)	
Sample Description: Raprap ML-5122100		Container Type: Bucket # of Cont.: 1		Sampling Date/Time: _____ Preservative: _____ Bottle # _____		Oil & Grease (EPA 413.1) BOD5(20 degrees C)		2,4,6 Trichlorophenol, 2,4 Dinitrotoene, (Bis (2-ethylhexyl) phthalate, naphthalene, N- Nitrosodimethylamine, Pentachlorophenol (EPA 625)	
Relinquished By: R. Schmitt Date/Time: 8/16/06		Relinquished By: R. Schmitt Date/Time: 8/16/06		Received By: [Signature] Date/Time: 8/16/06		Turn around Time: (check) 24 Hours _____ 5 Days _____ 48 Hours _____ 10 Days _____ 72 Hours _____ Normal _____		Perchlorate Only 72 Hours _____ Metals Only 72 Hours _____ Sample Integrity: (Check) _____ Intact _____ On Ice: _____	
Relinquished By: _____ Date/Time: _____		Relinquished By: _____ Date/Time: _____		Received By: _____ Date/Time: _____		Perchlorate Only 72 Hours _____ Metals Only 72 Hours _____ Sample Integrity: (Check) _____ Intact _____ On Ice: _____		Comment: D3967-85 preparation prior to analysis	

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