

## **APPENDIX G**

### **Section 17**

Outfall 006, BMP Effectiveness, February 13, 2009

Test America Analytical Laboratory Report

## LABORATORY REPORT

Prepared For: MWH-Pasadena/Boeing  
618 Michillinda Avenue, Suite 200  
Arcadia, CA 91007  
Attention: Bronwyn Kelly

Project: BMP Effectiveness  
Monitoring Program

Sampled: 02/13/09  
Received: 02/17/09  
Issued: 03/02/09 14:14

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

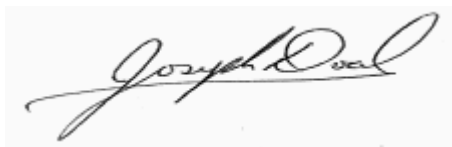
*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. 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 of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
ISB1951-01	006 EFF-1	Water
ISB1951-02	006 EFF-2	Water
ISB1951-03	006 EFF-3	Water
ISB1951-04	006 EFF-4	Water
ISB1951-05	006 EFF-5	Water
ISB1951-06	006 EFF-6	Water
ISB1951-07	006 EFF-7	Water
ISB1951-08	006 EFF-8	Water
ISB1951-09	006 EFF-9	Water
ISB1951-10	006 EFF-10	Water

Reviewed By:



TestAmerica Irvine

Joseph Doak  
Project Manager

MWH-Pasadena/Boeing  
 618 Michillinda Avenue, Suite 200  
 Arcadia, CA 91007  
 Attention: Bronwyn Kelly

Project ID: BMP Effectiveness  
 Monitoring Program  
 Report Number: ISB1951

Sampled: 02/13/09  
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## INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ISB1951-01 (006 EFF-1 - Water)</b>									
Reporting Units: g/cc									
Density	Displacement	9B25054	N/A	NA	1.0	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-02 (006 EFF-2 - Water)</b>									
Reporting Units: g/cc									
Density	Displacement	9B25054	N/A	NA	1.0	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-03 (006 EFF-3 - Water)</b>									
Reporting Units: g/cc									
Density	Displacement	9B25054	N/A	NA	1.0	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-04 (006 EFF-4 - Water)</b>									
Reporting Units: g/cc									
Density	Displacement	9B25054	N/A	NA	1.0	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-05 (006 EFF-5 - Water)</b>									
Reporting Units: g/cc									
Density	Displacement	9B25054	N/A	NA	1.0	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-06 (006 EFF-6 - Water)</b>									
Reporting Units: g/cc									
Density	Displacement	9B25054	N/A	NA	1.0	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-07 (006 EFF-7 - Water)</b>									
Reporting Units: g/cc									
Density	Displacement	9B25054	N/A	NA	1.0	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-08 (006 EFF-8 - Water)</b>									
Reporting Units: g/cc									
Density	Displacement	9B25054	N/A	NA	1.0	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-09 (006 EFF-9 - Water)</b>									
Reporting Units: g/cc									
Density	Displacement	9B25054	N/A	NA	1.0	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-10 (006 EFF-10 - Water)</b>									
Reporting Units: g/cc									
Density	Displacement	9B25054	N/A	NA	1.0	1	02/25/09	02/25/09	

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 Project Manager

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## INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ISB1951-01 (006 EFF-1 - Water)</b>									
Reporting Units: mg/l									
Sediment	ASTM D3977	9B25057	10	10	ND	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-02 (006 EFF-2 - Water)</b>									
Reporting Units: mg/l									
Sediment	ASTM D3977	9B25057	10	10	21	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-03 (006 EFF-3 - Water)</b>									
Reporting Units: mg/l									
Sediment	ASTM D3977	9B25057	10	10	ND	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-04 (006 EFF-4 - Water)</b>									
Reporting Units: mg/l									
Sediment	ASTM D3977	9B25057	10	10	14	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-05 (006 EFF-5 - Water)</b>									
Reporting Units: mg/l									
Sediment	ASTM D3977	9B25057	10	10	ND	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-06 (006 EFF-6 - Water)</b>									
Reporting Units: mg/l									
Sediment	ASTM D3977	9B25057	10	10	ND	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-07 (006 EFF-7 - Water)</b>									
Reporting Units: mg/l									
Sediment	ASTM D3977	9B25057	10	10	ND	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-08 (006 EFF-8 - Water)</b>									
Reporting Units: mg/l									
Sediment	ASTM D3977	9B25057	10	10	ND	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-09 (006 EFF-9 - Water)</b>									
Reporting Units: mg/l									
Sediment	ASTM D3977	9B25057	10	10	ND	1	02/25/09	02/25/09	
<b>Sample ID: ISB1951-10 (006 EFF-10 - Water)</b>									
Reporting Units: mg/l									
Sediment	ASTM D3977	9B25057	10	10	ND	1	02/25/09	02/25/09	

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 Project Manager

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Report Number: ISB1951

Sampled: 02/13/09  
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## METHOD BLANK/QC DATA

### INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 9B25054 Extracted: 02/25/09</b>										
<b>Duplicate Analyzed: 02/25/2009 (9B25054-DUP1)</b>										
Density	0.999	NA	N/A	g/cc		Source: ISB1951-01 0.999		0	20	

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## DATA QUALIFIERS AND DEFINITIONS

**ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.  
**RPD** Relative Percent Difference

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## Certification Summary

### TestAmerica Irvine

Method	Matrix	Nelac	California
ASTM D3977	Water		
Displacement	Water		

*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](http://www.testamericainc.com)*

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Project Manager

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**CHAIN OF CUSTODY FORM**

Test America Version 12/20/07

Client Name/Address: <b>MWH-Arcadia</b> 618 Michillinda Avenue, Suite 200 Arcadia, CA 91007			Project: <b>Boeing BMP Effectiveness Monitoring Program</b>			ANALYSIS REQUIRED					
Test America Contact: <b>Joseph Doak</b> Project Manager: <b>Bronwyn Kelly</b> Sampler: <b>Mariscal</b>			Phone Number: (626) 568-6691 Fax Number: (626) 568-6515			Field readings: Temp = NA pH = NA Time of readings = NA					
Suspended Sediment Concentration (SSC, ASTM-D3977-1997)											
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservative	Bottle #	Comments				
006 EFF-1	W	500 mL Poly	1	2/13/09-1430	None	1					
006 EFF-2	W	500 mL Poly	1	2/13/09-1530	None	2					
006 EFF-3	W	500 mL Poly	1	2/13/09-1630	None	3					
006 EFF-4	W	500 mL Poly	1	2/13/09-1730	None	4					
006 EFF-5	W	500 mL Poly	1	2/13/09-1830	None	5					
006 EFF-6	W	500 mL Poly	1	2/13/09-1930	None	6					
006 EFF-7	W	500 mL Poly	1	2/13/09-2030	None	7					
006 EFF-8	W	500 mL Poly	1	2/13/09-2130	None	8					
006 EFF-9	W	500 mL Poly	1	2/13/09-2230	None	9					
006 EFF-10	W	500 mL Poly	1	2/13/09-2330	None	10					
Relinquished By <i>[Signature]</i>			Date/Time: 2:17:09			Received By <i>[Signature]</i>			Date/Time: 1422		
Relinquished By <i>[Signature]</i>			Date/Time: 2:05:1716			Received By <i>[Signature]</i>			Date/Time: 1710		
Relinquished By <i>[Signature]</i>			Date/Time: 4:13:48			Received By <i>[Signature]</i>			Date/Time: 1710		

0.169  
2/13/09  
2/13/09