

## **APPENDIX G**

### **Section 14**

Outfall 006, BMP Effectiveness, February 5, 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: 02/05/09-02/06/09  
Received: 02/09/09  
Issued: 02/18/09 12:45

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

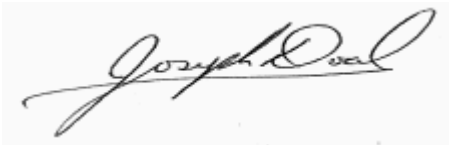
*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. 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
ISB0942-01	006 EFF-1	Water
ISB0942-02	006 EFF-2	Water
ISB0942-03	006 EFF-3	Water
ISB0942-04	006 EFF-4	Water
ISB0942-05	006 EFF-5	Water
ISB0942-06	006 EFF-6	Water
ISB0942-07	006 EFF-7	Water
ISB0942-08	006 EFF-8	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: ISB0942

Sampled: 02/05/09-02/06/09  
 Received: 02/09/09

## INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ISB0942-01 (006 EFF-1 - Water)</b>					<b>Sampled: 02/05/09</b>				
Reporting Units: g/cc									
Density	Displacement	9B17122	N/A	NA	1.0	1	02/17/09	02/17/09	
<b>Sample ID: ISB0942-02 (006 EFF-2 - Water)</b>					<b>Sampled: 02/05/09</b>				
Reporting Units: g/cc									
Density	Displacement	9B17122	N/A	NA	1.0	1	02/17/09	02/17/09	
<b>Sample ID: ISB0942-03 (006 EFF-3 - Water)</b>					<b>Sampled: 02/05/09</b>				
Reporting Units: g/cc									
Density	Displacement	9B17122	N/A	NA	1.0	1	02/17/09	02/17/09	
<b>Sample ID: ISB0942-04 (006 EFF-4 - Water)</b>					<b>Sampled: 02/05/09</b>				
Reporting Units: g/cc									
Density	Displacement	9B17122	N/A	NA	0.99	1	02/17/09	02/17/09	
<b>Sample ID: ISB0942-05 (006 EFF-5 - Water)</b>					<b>Sampled: 02/05/09</b>				
Reporting Units: g/cc									
Density	Displacement	9B17123	N/A	NA	0.99	1	02/17/09	02/17/09	
<b>Sample ID: ISB0942-06 (006 EFF-6 - Water)</b>					<b>Sampled: 02/05/09</b>				
Reporting Units: g/cc									
Density	Displacement	9B17123	N/A	NA	1.0	1	02/17/09	02/17/09	
<b>Sample ID: ISB0942-07 (006 EFF-7 - Water)</b>					<b>Sampled: 02/06/09</b>				
Reporting Units: g/cc									
Density	Displacement	9B17123	N/A	NA	1.0	1	02/17/09	02/17/09	
<b>Sample ID: ISB0942-08 (006 EFF-8 - Water)</b>					<b>Sampled: 02/06/09</b>				
Reporting Units: g/cc									
Density	Displacement	9B17123	N/A	NA	1.0	1	02/17/09	02/17/09	
<b>Sample ID: ISB0942-01 (006 EFF-1 - Water)</b>					<b>Sampled: 02/05/09</b>				
Reporting Units: mg/l									
Sediment	ASTM D3977	9B18061	10	10	52	1	02/18/09	02/18/09	
<b>Sample ID: ISB0942-02 (006 EFF-2 - Water)</b>					<b>Sampled: 02/05/09</b>				
Reporting Units: mg/l									
Sediment	ASTM D3977	9B18061	10	10	56	1	02/18/09	02/18/09	

### TestAmerica Irvine

Joseph Doak  
 Project Manager

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 618 Michillinda Avenue, Suite 200  
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 Attention: Bronwyn Kelly

Project ID: BMP Effectiveness  
 Monitoring Program  
 Report Number: ISB0942

Sampled: 02/05/09-02/06/09  
 Received: 02/09/09

## INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: ISB0942-03 (006 EFF-3 - Water)</b>					<b>Sampled: 02/05/09</b>				
Reporting Units: mg/l									
Sediment	ASTM D3977	9B18061	10	10	32	1	02/18/09	02/18/09	
<b>Sample ID: ISB0942-04 (006 EFF-4 - Water)</b>					<b>Sampled: 02/05/09</b>				
Reporting Units: mg/l									
Sediment	ASTM D3977	9B18061	10	10	27	1	02/18/09	02/18/09	
<b>Sample ID: ISB0942-05 (006 EFF-5 - Water)</b>					<b>Sampled: 02/05/09</b>				
Reporting Units: mg/l									
Sediment	ASTM D3977	9B18062	10	10	22	1	02/18/09	02/18/09	
<b>Sample ID: ISB0942-06 (006 EFF-6 - Water)</b>					<b>Sampled: 02/05/09</b>				
Reporting Units: mg/l									
Sediment	ASTM D3977	9B18062	10	10	15	1	02/18/09	02/18/09	
<b>Sample ID: ISB0942-07 (006 EFF-7 - Water)</b>					<b>Sampled: 02/06/09</b>				
Reporting Units: mg/l									
Sediment	ASTM D3977	9B18062	10	10	19	1	02/18/09	02/18/09	
<b>Sample ID: ISB0942-08 (006 EFF-8 - Water)</b>					<b>Sampled: 02/06/09</b>				
Reporting Units: mg/l									
Sediment	ASTM D3977	9B18062	10	10	16	1	02/18/09	02/18/09	

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Sampled: 02/05/09-02/06/09  
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## METHOD BLANK/QC DATA

### INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b><u>Batch: 9B17122 Extracted: 02/17/09</u></b>											
<b>Duplicate Analyzed: 02/17/2009 (9B17122-DUP1)</b>											
Density	1.00	NA	N/A	g/cc		1.00			0	20	
<b><u>Batch: 9B17123 Extracted: 02/17/09</u></b>											
<b>Duplicate Analyzed: 02/17/2009 (9B17123-DUP1)</b>											
Density	1.00	NA	N/A	g/cc		1.00			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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**ISB0942 <Page 5 of 6>  
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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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ISB0942

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		Field readings: Temp = NA pH = NA Time of readings = NA	
Test America Contact: Joseph Doak Project Manager: Bronwyn Kelly Sampler: R Banaga		Phone Number: (626) 568-6691 Fax Number: (626) 568-6515		Suspended Sediment Concentration (SSC, ASTM-D3977-1997)		Comments	
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservative	Bottle #	
006 EFF-1	W	500 mL Poly	1	2/05/09 - 1800	None	1	
006 EFF-2	W	500 mL Poly	1	2/05/09 - 1900	None	2	
006 EFF-3	W	500 mL Poly	1	2/05/09 - 2000	None	3	
006 EFF-4	W	500 mL Poly	1	2/05/09 - 2100	None	4	
006 EFF-5	W	500 mL Poly	1	2/05/09 - 2200	None	5	
006 EFF-6	W	500 mL Poly	1	2/05/09 - 2300	None	6	
006 EFF-7	W	500 mL Poly	1	2/06/09 - 0000	None	7	
006 EFF-8	W	500 mL Poly	1	2/06/09 - 0100	None	8	
006 EFF-9	W	500 mL Poly	1	2/06/09 - 0200	None	9	
006 EFF-10	W	500 mL Poly	1	2/06/09 - 0300	None	10	
006 EFF-11	W	500 mL Poly	1	2/06/09 - 0400	None	11	
006 EFF-12	W	500 mL Poly	1	2/06/09 - 0500	None	12	
006 EFF-13	W	500 mL Poly	1	2/06/09 - 0600	None	13	
006 EFF-14	W	500 mL Poly	1	2/06/09 - 0700	None	14	
006 EFF-15	W	500 mL Poly	1	2/06/09 - 0800	None	15	
006 EFF-16	W	500 mL Poly	1	2/06/09 - 0900	None	16	
006 EFF-17	W	500 mL Poly	1	2/06/09 - 1000	None	17	
006 EFF-18	W	500 mL Poly	1	2/06/09 - 1100	None	18	
006 EFF-19	W	500 mL Poly	1	2/06/09 - 1200	None	19	
006 EFF-20	W	500 mL Poly	1	2/06/09 - 1300	None	20	
006 EFF-21	W	500 mL Poly	1	2/06/09 - 1400	None	21	
006 EFF-22	W	500 mL Poly	1	2/06/09 - 1500	None	22	
006 EFF-23	W	500 mL Poly	1	2/06/09 - 1600	None	23	
006 EFF-24	W	500 mL Poly	1	2/06/09 - 1700	None	24	
Relinquished By <i>R Banaga</i> Date/Time: <i>2-9-09 1500</i>		Received By <i>Shirley TAT</i> Date/Time: <i>02/09/09 1500</i>		Turn around Time: (check) 5 Days _____ 48 Hours _____ 10 Days _____ 72 Hours _____ Normal <input checked="" type="checkbox"/>		Sample Integrity: (check) On Ice: <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> <i>2-8-09 12:2</i>	
Relinquished By <i>Shirley TAT</i> Date/Time: <i>02/09/09 1830</i>		Received By <i>Shirley TAT</i> Date/Time: <i>2/10/09 1830</i>					
Relinquished By _____ Date/Time: _____		Received By _____ Date/Time: _____					

SP

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