



**MWH**

**LABORATORIES**

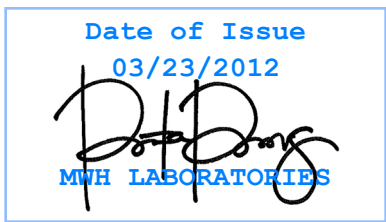
*A Division of MWH Americas, Inc.*

750 Royal Oak Dr., Suite 100  
Monrovia, California, 91016-3629  
Tel: 626 386 1100  
Fax: 626 386 1101  
1 800 566 LABS (1 800 566 5227)

## Laboratory Report

for

Environ International Corp.  
1702 E. Highland Ave.  
Suite 412  
Phoenix, AZ 85016  
Attention: John M. Pekala, P.G.  
Fax: 602.734.7701



RSR: Rita Reeves  
Project Manager

Report#: 388255  
Project: CWA-RCRA  
Group: Quarterly CR6010  
Testing

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Hits Reports, Comments, QC Summary, QC Report and Regulatory Forms. This report shall not be reproduced except in full, without the written approval of the laboratory.

**MWH****LABORATORIES****STATE CERTIFICATION LIST**

<b>State</b>	<b>Certification Number</b>	<b>State</b>	<b>Certification Number</b>
<b>Alabama</b>	41060	<b>Mississippi</b>	Certified
<b>Alaska</b>	CA00006	<b>Montana</b>	Cert 0035
<b>Arizona</b>	AZ0455	<b>Nevada</b>	CA00006-2010-1
<b>Arkansas</b>	Certified	<b>New Hampshire</b>	2959-11
<b>California – NELAP</b>	01114CA	<b>New Jersey</b>	CA 008
<b>California – ELAP</b>	1422	<b>New Mexico</b>	Certified
<b>Colorado</b>	Certified	<b>New York</b>	11320
<b>Connecticut</b>	PH-0107	<b>North Carolina</b>	06701
<b>Delaware</b>	CA 006	<b>North Dakota</b>	R-009
<b>Florida</b>	E871024	<b>Oregon</b>	CA 200003-009
<b>Georgia</b>	947	<b>Pennsylvania</b>	68-565
<b>Guam</b>	11-004r	<b>Rhode Island</b>	01114CA
<b>Hawaii</b>	Certified	<b>South Carolina</b>	87016001
<b>Idaho</b>	Certified	<b>South Dakota</b>	Certified
<b>Illinois</b>	200033	<b>Tennessee</b>	TN02839
<b>Indiana</b>	C-CA-01	<b>Texas</b>	T104704230-11-2
<b>Kansas</b>	E-10268	<b>Utah</b>	Mont-1
<b>Kentucky</b>	90107	<b>Vermont</b>	VT0114
<b>Louisiana</b>	LA110022	<b>Virginia</b>	00210
<b>Maine</b>	CA0006	<b>Washington</b>	C383
<b>Maryland</b>	224	<b>West Virginia</b>	9943 C
<b>Commonwealth of Northern Marianas Is.</b>	MP0004	<b>Wisconsin</b>	998316660
<b>Massachusetts</b>	M-CA006	<b>Wyoming</b>	8TMS-L
<b>Michigan</b>	9906	<b>EPA Region 5</b>	Certified



**Acknowledgement of Samples Received**

**Environ International Corp.**

1702 E. Highland Ave.  
Suite 412  
Phoenix, AZ 85016  
Attn: John M. Pekala, P.G.  
Phone: 602.734.7710

Customer Code: ENVIRON-NVTRUST  
Folder #: 388255  
Project: CWA-RCRA  
Sample Group: Quarterly CR6010 Testing  
Project Manager: Rita Reeves  
Phone: 916-418-8358

The following samples were received from you on **February 14, 2012**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample #	Sample ID	Sample Date
<u>201202140193</u>	M-31A	Feb 13, 2012 10:15
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202140194</u>	M-52	Feb 13, 2012 10:37
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202140195</u>	M-12A	Feb 13, 2012 11:02
	Chromium Total ICAP RCRA PH (H3=past HT not compliant)	CRVI7196 Total Dissolved Solid (TDS) Perchlorate
<u>201202140196</u>	M-22A	Feb 13, 2012 11:53
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202140197</u>	M-36	Feb 13, 2012 12:18
	Chromium Total ICAP RCRA PH (H3=past HT not compliant)	CRVI7196 Total Dissolved Solid (TDS) Perchlorate
<u>201202140198</u>	M-38	Feb 13, 2012 12:55
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202140199</u>	VD-4	Feb 13, 2012 08:00
	Chromium Total ICAP RCRA PH (H3=past HT not compliant)	CRVI7196 Total Dissolved Solid (TDS) Perchlorate

**Test Description**



MONTGOMERY WATSON LABORATORIES

# CHAIN OF CUSTODY RECORD

388255

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016  
(626) 386-1100 (800) 566-5227

MWLABS USE ONLY:  
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:       

SAMPLE TEMP, RECEIPT AT LAB:       

BLUE ICE: FROZEN  PARTIALLY FROZEN  THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#  
 Nevada Environmental Response Trust Quarterly Groundwater Sampling  
 Schedule B CWA-RCRA

Sampler: Michele Brown  
 Nevada Environmental Response Trust  
 35 East Wacker Suite 1550  
 Chicago, IL 60606

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES  (check for yes)

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	PH	TDS	CR	ClO4	Sterile ClO4	CRY	SAMPLER Comments
1015A	2-13-12		M-31A	RGW	X		X	X	X	X	X		5 Bottles
1037A	2-13-12		M-52	RGW	X		X	X	X	X	X		5 Bottles
1108A	2-13-12		M-12A	RGW	X		X	X	X	X	X		6 Bottles
1153A	2-13-12		M-22A	RGW	X		X	X	X	X	X		5 Bottles
1218P	2-13-12		M-36	RGW	X		X	X	X	X	X		6 Bottles
1255P	2-13-12		M-38	RGW	X		X	X	X	X	X		5 Bottles
	2-13-12		VD-4	RGW	X		X	X	X	X	X		6 Bottles
	2-13-12		M-80	RGW	X		X	X	X	X	X		5 Bottles
				RGW	X		X	X	X	X	X		5 Bottles
				RGW	X		X	X	X	X	X		6 Bottles
				RGW	X		X	X	X	X	X		6 Bottles
				RGW	X		X	X	X	X	X		6 Bottles
				RGW	X		X	X	X	X	X		6 Bottles

Time on sampling -

Reported by Weight:

SO = Soil  
SL = Sludge

Reported by Volume:

CFW = Chlor(am)inated Finished Water  
FW = Other Finished Water

Reported by Weight:

CWW = Chlorinated Waste Water  
WW = Other Waste Water  
SW = Storm Water

Reported by Volume:

RGW = Raw Ground Water  
RSW = Raw Surface Water

REINQUISHED BY: Michele Brown SIGNATURE

RECEIVED BY: Michele Brown PRINT NAME

REINQUISHED BY: Michele Brown COMPANY/TITLE

RECEIVED BY: Michele Brown DATE

TIME: 12:00PM



LABORATORIES

A Division of MWH Americas, Inc  
750 Royal Oaks Drive Suite 100  
Monrovia, CA 91016 (626) 386-1100 FAX (626) 386-1124

**Kit Order for Environ International Corp.**

Rita Reeves is Your MWH Labs Project Manager

**Sampler: please return  
this paper with your samples**

Kit #: 45161

Created By: AutoGenerated

Order Date: 05/16/2011

STG: Bottle Orders

Client Code: ENVIRON-NVTRUST

Project Code: CWA-RCRA Bottle Orders

Group Name: Every 3 months - FirstMonday

PO#/JOB#:

Ship By:  
05/01/2011

**Ship Sample Kits to**  
Veolia Water-Tronox LLC  
510 Fourth Street  
Henderson, NV 89015  
  
Attn: Wendy Prescott  
Phone: 702-371-9307  
Fax:

**Send Report to**  
Environ International Corp.  
1702 E. Highland Ave.  
Suite 412  
Phoenix, AZ 85016  
  
Attn: John M. Pekala, P.G.  
Phone: 602.734.7710  
Fax: 602.734.7701

**Billing Address**  
Environ International Corp.  
1702 E. Highland Ave.  
Suite 412  
Phoenix, AZ 85016  
  
Attn: John M. Pekala, P.G.  
Phone: 602.734.7710  
Fax: 602.734.7701

# of	Samples Tests	Bottles - Qty for each sample, type & preservative if any	UN DOT #
101	Chromium Total ICAP RCRA	1 250ml acid rinsed 1ml HNO3 (18%)	UN2031
15	CRVI 7196	1 125ml poly acid rinsed no preservative	
101	Perchlorate Sterile Filtered	1 125 ml poly + syringe, filter 125ml STERILE bottle	
101	PH by EPA 9040	1 125ml poly no preservative	
101	Total Dissolved Solid (TDS)	1 500ml poly TDS - no preservative	

**Comments**

QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS NOTIFY LAB AS SOON AS CR-VI COMES IN.- 24HR ht

Code      Status      Date Shipped      Via      Tracking #      # of Coolers      Prepared By

March 23, 2012

John M. Pekala, P.G.  
Environ International Corp.  
1702 E. Highland Ave.  
Suite 412  
Phoenix, AZ 85016

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on February 14, 2012 with proper chain of custody. All containers were received without any visible signs of tampering or breakage at proper temperature. Samples are identified on the acknowledgement, which is part of the report package, along with the chain of custody.

Case Narrative:

For the MWH Laboratories data the following issues were observed:

Other Observations:

There were no unusual observations on this sample set.

Sincerely,



Rita Reeves  
Project Manager



**MWH**

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Environ International Corp.  
John M. Pekala, P.G.  
1702 E. Highland Ave.  
Suite 412  
Phoenix, AZ 85016

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**Laboratory Comments**  
**Report: #388255**



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Laboratory Data  
Report: 388255

### Environ International Corp.

John M. Pekala, P.G.  
1702 E. Highland Ave.  
Suite 412  
Phoenix, AZ 85016

Samples Received on:  
02/14/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
<b><u>M-31A (201202140193)</u></b>							<b>Sampled on 02/13/2012 1015</b>				
<b>EPA 6010 - ICP Metals</b>											
03/15/2012	20:58	639820	(EPA 6010)	Chromium Total ICAP	7.4	mg/L	0.00044	0.1	0.0044	10	
<b>EPA 314.0 - Perchlorate Sterile Filtered</b>											
02/24/2012	13:21	640532	(EPA 314.0)	Perchlorate	950000	ug/L	0.25	80000	5000	20000	
<b>E160.1/SM2540C - Total Dissolved Solid (TDS)</b>											
2/19/2012	02/19/2012	16:37	639870 (E160.1/SM2540C)	Total Dissolved Solids (TDS)	7300	mg/L	4.2	10	4.2	1	
<b>EPA 9040 - PH by EPA 9040</b>											
02/17/2012	16:53	640002	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1	
<b><u>M-52 (201202140194)</u></b>							<b>Sampled on 02/13/2012 1037</b>				
<b>EPA 6010 - ICP Metals</b>											
03/15/2012	21:00	639820	(EPA 6010)	Chromium Total ICAP	3.0	mg/L	0.00044	0.05	0.0022	5	
<b>EPA 314.0 - Perchlorate Sterile Filtered</b>											
02/24/2012	13:43	640532	(EPA 314.0)	Perchlorate	480000	ug/L	0.25	40000	2500	10000	
<b>E160.1/SM2540C - Total Dissolved Solid (TDS)</b>											
2/19/2012	02/19/2012	16:38	639870 (E160.1/SM2540C)	Total Dissolved Solids (TDS)	5100	mg/L	4.2	10	4.2	1	
<b>EPA 9040 - PH by EPA 9040</b>											
02/17/2012	17:01	640002	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1	
<b><u>M-12A (201202140195)</u></b>							<b>Sampled on 02/13/2012 1102</b>				
<b>EPA 6010 - ICP Metals</b>											

Rounding on totals after summation.  
(c) - indicates calculated results

Sample Quantitation Limit (SQL) =  
MDL \* Dilution Factor





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1 800 566 LABS (1 800 566 5227)

**Laboratory Data  
Report: 388255**

### Environ International Corp.

John M. Pekala, P.G.  
1702 E. Highland Ave.  
Suite 412  
Phoenix, AZ 85016

Samples Received on:  
02/14/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
	03/15/2012 21:43	643886	(EPA 6010)	Chromium Total ICAP	10	mg/L	0.00044	0.1	0.0044	10
<b>EPA 314.0 - Perchlorate Sterile Filtered</b>										
	02/28/2012 17:23	641244	(EPA 314.0)	Perchlorate	210000	ug/L	0.25	40000	2500	10000
<b>E160.1/SM2540C - Total Dissolved Solid (TDS)</b>										
2/19/2012	02/19/2012 16:39	639870	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6500	mg/L	4.2	10	4.2	1
<b>EPA 9040 - PH by EPA 9040</b>										
	02/17/2012 17:06	640002	(EPA 9040)	PH (H3=past HT not compliant)	8.1	Units	0.10	0.1	0.10	1
<b>EPA 7196 - CRVI 7196</b>										
	02/14/2012 17:26	639137	(EPA 7196)	Hexavalent chromium (Cr VI)	11	mg/L	0.0035	0.5	0.35	100
<b><u>M-22A (201202140196)</u></b>							<b>Sampled on 02/13/2012 1153</b>			
<b>EPA 6010 - ICP Metals</b>										
	03/15/2012 21:46	643886	(EPA 6010)	Chromium Total ICAP	23	mg/L	0.00044	0.2	0.0088	20
<b>EPA 314.0 - Perchlorate Sterile Filtered</b>										
	02/28/2012 17:45	641244	(EPA 314.0)	Perchlorate	1500000	ug/L	0.25	80000	5000	20000
<b>E160.1/SM2540C - Total Dissolved Solid (TDS)</b>										
2/19/2012	02/19/2012 16:40	639870	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	12000	mg/L	4.2	10	4.2	1
<b>EPA 9040 - PH by EPA 9040</b>										
	02/17/2012 17:10	640002	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
<b><u>M-36 (201202140197)</u></b>							<b>Sampled on 02/13/2012 1218</b>			
<b>EPA 6010 - ICP Metals</b>										
	03/15/2012 21:55	643886	(EPA 6010)	Chromium Total ICAP	29	mg/L	0.00044	0.2	0.0088	20

Rounding on totals after summation.  
(c) - indicates calculated results

Sample Quantitation Limit (SQL) =  
MDL \* Dilution Factor



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750 Royal Oak Dr., Suite 100  
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1 800 566 LABS (1 800 566 5227)

Laboratory Data  
Report: 388255

### Environ International Corp.

John M. Pekala, P.G.  
1702 E. Highland Ave.  
Suite 412  
Phoenix, AZ 85016

Samples Received on:  
02/14/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
<b>EPA 314.0 - Perchlorate Sterile Filtered</b>										
	02/28/2012	18:08	641244 (EPA 314.0)	Perchlorate	1500000	ug/L	0.25	80000	5000	20000
<b>E160.1/SM2540C - Total Dissolved Solid (TDS)</b>										
2/19/2012	02/19/2012	16:41	639870 (E160.1/SM2540C)	Total Dissolved Solids (TDS)	14000	mg/L	4.2	10	4.2	1
<b>EPA 9040 - PH by EPA 9040</b>										
	02/17/2012	17:14	640002 (EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
<b>EPA 7196 - CRVI 7196</b>										
	02/14/2012	17:20	639137 (EPA 7196)	Hexavalent chromium (Cr VI)	29	mg/L	0.0035	0.5	0.35	100
<b><u>M-38 (201202140198)</u></b>							<b>Sampled on 02/13/2012 1255</b>			
<b>EPA 6010 - ICP Metals</b>										
	03/15/2012	21:58	643886 (EPA 6010)	Chromium Total ICAP	23	mg/L	0.00044	0.2	0.0088	20
<b>EPA 314.0 - Perchlorate Sterile Filtered</b>										
	02/28/2012	18:30	641244 (EPA 314.0)	Perchlorate	940000	ug/L	0.25	80000	5000	20000
<b>E160.1/SM2540C - Total Dissolved Solid (TDS)</b>										
2/19/2012	02/19/2012	16:42	639870 (E160.1/SM2540C)	Total Dissolved Solids (TDS)	12000	mg/L	4.2	10	4.2	1
<b>EPA 9040 - PH by EPA 9040</b>										
	02/17/2012	17:18	640002 (EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
<b><u>VD-4 (201202140199)</u></b>							<b>Sampled on 02/13/2012 0800</b>			
<b>EPA 6010 - ICP Metals</b>										
	03/15/2012	22:01	643886 (EPA 6010)	Chromium Total ICAP	10	mg/L	0.00044	0.1	0.0044	10
<b>EPA 314.0 - Perchlorate Sterile Filtered</b>										
	02/28/2012	18:52	641244 (EPA 314.0)	Perchlorate	220000	ug/L	0.25	80000	5000	20000

Rounding on totals after summation.  
(c) - indicates calculated results

Sample Quantitation Limit (SQL) =  
MDL \* Dilution Factor



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**Laboratory Data**  
**Report: 388255**

**Environ International Corp.**

John M. Pekala, P.G.  
1702 E. Highland Ave.  
Suite 412  
Phoenix, AZ 85016

Samples Received on:  
02/14/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
<b>E160.1/SM2540C - Total Dissolved Solid (TDS)</b>										
2/19/2012	02/19/2012	16:43 639870	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6500	mg/L	4.2	10	4.2	1
<b>EPA 9040 - PH by EPA 9040</b>										
	02/17/2012	17:22 640002	(EPA 9040)	PH (H3=past HT not compliant)	8.1	Units	0.10	0.1	0.10	1
<b>EPA 7196 - CRVI 7196</b>										
	02/14/2012	17:27 639137	(EPA 7196)	Hexavalent chromium (Cr VI)	10	mg/L	0.0035	0.5	0.35	100



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**Laboratory  
QC Summary: 388255**

Environ International Corp.

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**QC Ref # 639137 - Hexavalent Chromium by EPA 7196**

201202140195 M-12A  
201202140197 M-36  
201202140199 VD-4

**Analysis Date: 02/14/2012**

Analyzed by: KXS  
Analyzed by: KXS  
Analyzed by: KXS

**QC Ref # 639820 - ICP Metals**

201202140193 M-31A  
201202140194 M-52

**Analysis Date: 03/15/2012**

Analyzed by: NINA  
Analyzed by: NINA

**QC Ref # 639870 - Total Dissolved Solids (TDS)**

201202140193 M-31A  
201202140194 M-52  
201202140195 M-12A  
201202140196 M-22A  
201202140197 M-36  
201202140198 M-38  
201202140199 VD-4

**Analysis Date: 02/19/2012**

Analyzed by: JRF  
Analyzed by: JRF  
Analyzed by: JRF  
Analyzed by: JRF  
Analyzed by: JRF  
Analyzed by: JRF  
Analyzed by: JRF

**QC Ref # 640002 - PH (H3=past HT not compliant)**

201202140193 M-31A  
201202140194 M-52  
201202140195 M-12A  
201202140196 M-22A  
201202140197 M-36  
201202140198 M-38  
201202140199 VD-4

**Analysis Date: 02/17/2012**

Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP

**QC Ref # 640532 - Perchlorate**

201202140193 M-31A  
201202140194 M-52

**Analysis Date: 02/24/2012**

Analyzed by: LUPE  
Analyzed by: LUPE

**QC Ref # 641244 - Perchlorate**

201202140195 M-12A  
201202140196 M-22A  
201202140197 M-36  
201202140198 M-38  
201202140199 VD-4

**Analysis Date: 02/28/2012**

Analyzed by: LUPE  
Analyzed by: LUPE  
Analyzed by: LUPE  
Analyzed by: LUPE  
Analyzed by: LUPE

**QC Ref # 643886 - ICP Metals**

201202140195 M-12A  
201202140196 M-22A  
201202140197 M-36  
201202140198 M-38  
201202140199 VD-4

**Analysis Date: 03/15/2012**

Analyzed by: NINA  
Analyzed by: NINA  
Analyzed by: NINA  
Analyzed by: NINA  
Analyzed by: NINA



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Laboratory  
QC Report: 388255

Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
<b>QC Ref# 639137 - Hexavalent Chromium by EPA 7196 by EPA 7196</b>					<b>Analysis Date: 02/14/2012</b>				
LCS1	Hexavalent chromium (Cr VI)		0.05	0.0510	mg/L	102	(85-115)		
LCS2	Hexavalent chromium (Cr VI)		0.05	0.0510	mg/L	102	(85-115)		
MBLK	Hexavalent chromium (Cr VI)			<0.005	mg/L				
MRL_CHK	Hexavalent chromium (Cr VI)		0.005	0.00300	mg/L	60	(50-150)		
MS_201202140197	Hexavalent chromium (Cr VI)	29	0.05	34.1	mg/L	98	(85-115)		
MSD_201202140197	Hexavalent chromium (Cr VI)	29	0.05	34.0	mg/L	97	(85-115)	20	0.29
<b>QC Ref# 639820 - ICP Metals by EPA 6010</b>					<b>Analysis Date: 03/15/2012</b>				
LCS1	Chromium Total ICAP		1.0	1.05	mg/L	105	(85-115)		
LCS2	Chromium Total ICAP		1.0	1.05	mg/L	105	(85-115)	20	0.0
MBLK	Chromium Total ICAP			<0.01	mg/L				
MRL_CHK	Chromium Total ICAP		0.01	0.0115	mg/L	115	(50-150)		
MS_201202090329	Chromium Total ICAP	ND	1.0	1.06	mg/L	106	(70-130)		
MS2_201202110184	Chromium Total ICAP	0.40	1.0	1.35	mg/L	95	(70-130)		
MSD_201202090329	Chromium Total ICAP	ND	1.0	1.07	mg/L	107	(70-130)	20	0.94
MSD2_201202110184	Chromium Total ICAP	0.40	1.0	1.37	mg/L	97	(70-130)	20	1.5
<b>QC Ref# 639870 - Total Dissolved Solids (TDS) by E160.1/SM2540C</b>					<b>Analysis Date: 02/19/2012</b>				
DUP_201202130199	Total Dissolved Solid (TDS)	770		774	mg/L		(0-20)	20	0.0
DUP_201202140422	Total Dissolved Solid (TDS)	330		318	mg/L		(0-20)	20	3.1
LCS1	Total Dissolved Solid (TDS)		175	160	mg/L	91	(80-114)		
LCS2	Total Dissolved Solid (TDS)		700	684	mg/L	98	(80-114)		
MBLK	Total Dissolved Solid (TDS)			<10	mg/L				
MRL_CHK	Total Dissolved Solid (TDS)		10	9.00	mg/L	90	(50-150)		
<b>QC Ref# 640002 - PH (H3=past HT not compliant) by EPA 9040</b>					<b>Analysis Date: 02/17/2012</b>				
DUP_201202140193	PH (H3=past HT not compliant)	7.5		7.53	Units		(0-20)	20	0.13
LCS1	PH (H3=past HT not compliant)		6.0	5.99	Units	100	(98-102)		
LCS2	PH (H3=past HT not compliant)		6.0	5.94	Units	99	(98-102)	20	0.84
<b>QC Ref# 640532 - Perchlorate by EPA 314.0</b>					<b>Analysis Date: 02/24/2012</b>				
LCS1	Perchlorate		25	26.6	ug/L	106	(85-115)		
LCS2	Perchlorate		25	24.6	ug/L	99	(85-115)	15	7.8
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	3.79	ug/L	95	(75-125)		
MS_201202090314	Perchlorate	ND	25	27.3	ug/L	104	(80-120)		
MSD_201202090314	Perchlorate	ND	25	28.2	ug/L	108	(80-120)	15	3.2

Spike recovery is already corrected for native results.

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

(S) Indicates surrogate compound.

(I) Indicates internal standard compound.

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RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



# MWH

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Laboratory  
QC Report: 388255

Environ International Corp.  
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
<b>QC Ref# 641244 - Perchlorate by EPA 314.0</b>					<b>Analysis Date: 02/28/2012</b>				
LCS1	Perchlorate		25	24.5	ug/L	98	(85-115)		
LCS2	Perchlorate		25	25.3	ug/L	101	(85-115)	15	3.2
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	3.2	ug/L	80	(75-125)		
MS_201202140426	Perchlorate	ND	25	29.3	ug/L	112	(80-120)		
MSD_201202140426	Perchlorate	ND	25	28.6	ug/L	109	(80-120)	15	2.4
<b>QC Ref# 643886 - ICP Metals by EPA 6010</b>					<b>Analysis Date: 03/15/2012</b>				
LCS1	Chromium Total ICAP		1.0	1.03	mg/L	103	(85-115)		
LCS2	Chromium Total ICAP		1.0	1.06	mg/L	106	(85-115)	20	2.9
MBLK	Chromium Total ICAP			<0.01	mg/L				
MRL_CHK	Chromium Total ICAP		0.01	0.0124	mg/L	124	(50-150)		
MS_201202170302	Chromium Total ICAP	ND	1.0	1.03	mg/L	102	(70-130)		
MS2_201202170306	Chromium Total ICAP	ND	1.0	0.986	mg/L	98	(70-130)		
MSD_201202170302	Chromium Total ICAP	ND	1.0	1.04	mg/L	103	(70-130)	20	0.97
MSD2_201202170306	Chromium Total ICAP	ND	1.0	1.00	mg/L	100	(70-130)	20	1.4

Spike recovery is already corrected for native results.

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

(S) Indicates surrogate compound.

(I) Indicates internal standard compound.

RPD not calculated for LCS2 when different a concentration than LCS1 is used

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)