



MWH

LABORATORIES

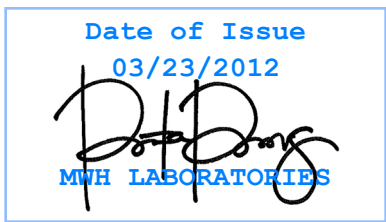
A Division of MWH Americas, Inc.

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#: 388090
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**

State	Certification Number	State	Certification Number
Alabama	41060	Mississippi	Certified
Alaska	CA00006	Montana	Cert 0035
Arizona	AZ0455	Nevada	CA00006-2010-1
Arkansas	Certified	New Hampshire	2959-11
California – NELAP	01114CA	New Jersey	CA 008
California – ELAP	1422	New Mexico	Certified
Colorado	Certified	New York	11320
Connecticut	PH-0107	North Carolina	06701
Delaware	CA 006	North Dakota	R-009
Florida	E871024	Oregon	CA 200003-009
Georgia	947	Pennsylvania	68-565
Guam	11-004r	Rhode Island	01114CA
Hawaii	Certified	South Carolina	87016001
Idaho	Certified	South Dakota	Certified
Illinois	200033	Tennessee	TN02839
Indiana	C-CA-01	Texas	T104704230-11-2
Kansas	E-10268	Utah	Mont-1
Kentucky	90107	Vermont	VT0114
Louisiana	LA110022	Virginia	00210
Maine	CA0006	Washington	C383
Maryland	224	West Virginia	9943 C
Commonwealth of Northern Marianas Is.	MP0004	Wisconsin	998316660
Massachusetts	M-CA006	Wyoming	8TMS-L
Michigan	9906	EPA Region 5	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 #: 388090
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 10, 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>201202110184</u>	M-83	Feb 09, 2012 06:25
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202110185</u>	M-81A	Feb 09, 2012 07:45
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202110186</u>	M-70	Feb 09, 2012 08:21
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202110187</u>	M-71	Feb 09, 2012 08:58
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202110188</u>	M-72	Feb 09, 2012 09:20
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202110189</u>	M-14A	Feb 09, 2012 10:48
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202110190</u>	M-10	Feb 09, 2012 12:55
	Chromium Total ICAP RCRA	CRVI7196
	PH (H3=past HT not compliant)	Total Dissolved Solid (TDS)
<u>201202110191</u>	VD-5	Feb 09, 2012 08:00
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202110192</u>	M-11	Feb 09, 2012 14:02



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 #: 388090
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 10, 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
	Chromium Total ICAP RCRA PH (H3=past HT not compliant)	CRVI7196 Total Dissolved Solid (TDS)
		Perchlorate

Test Description



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

HWILABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS

SAMPLE TEMP, RECEIPT AT LAB: 20°C

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

Quarterly Groundwater Sampling

Nevada Environmental Response Trust

Sampler: Michele Brown

John Pekala 602-734-7710

Nevada Environmental Response Trust

35 East Wacker Suite 1550

Chicago, IL 60606

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	PH	TDS	CR	ClO4	Sterile ClO4	CRM	SAMPLER Comments
625A	2-9-12		M-83	RGW	X		X	X	X	X	X		5 Bottles
M45A	2-9-12		M-81A	RGW	X		X	X	X	X	X		5 Bottles
871A	2-9-12		M-70	RGW	X		X	X	X	X	X		5 Bottles
858A	2-9-12		M-71	RGW	X		X	X	X	X	X		5 Bottles
920A	2-9-12		M-72	RGW	X		X	X	X	X	X		5 Bottles
1046A	2-9-12		M-14A	RGW	X		X	X	X	X	X		5 Bottles
1255A	2-9-12		M-10	RGW	X		X	X	X	X	X		6 Bottles
	2-9-12		VD-5	RGW	X		X	X	X	X	X		5 Bottles
2020A	2-9-12		M-11	RGW	X		X	X	X	X	X		4 Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X		Bottles

* MATRIX TYPES:

Reported by Volume:
CFW = Chloroformated Finished Water
FW = Other Finished Water

RGW = Raw Ground Water
RSW = Raw Surface Water

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

Reported by Weight:

SO = Soil
SL = Sludge

SIGNATURE

Michele Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water for Nevada Environmental Response Trust

TIME

12:00PM

DATE

2-9-12

RECEIVED BY:

Michele Brown

RECEIVED BY:

Michele Brown

RECEIVED BY:

Michele Brown



LABORATORIES

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

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 10, 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

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)

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

Laboratory Comments
Report: #388090



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 Data
Report: 388090

Environ International Corp.

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

Samples Received on:
02/10/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
<u>M-83 (201202110184)</u>							Sampled on 02/09/2012 0625				
EPA 6010 - ICP Metals											
03/15/2012	20:21	639820	(EPA 6010)	Chromium Total ICAP	0.40	mg/L	0.00044	0.01	0.00044	1	
EPA 314.0 - Perchlorate Sterile Filtered											
02/23/2012	23:08	639528	(EPA 314.0)	Perchlorate	73000	ug/L	0.25	4000	250	1000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/14/2012	02/14/2012	23:01	639141	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	1700	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
02/13/2012	15:21	639054	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1	
<u>M-81A (201202110185)</u>							Sampled on 02/09/2012 0745				
EPA 6010 - ICP Metals											
03/15/2012	20:19	639820	(EPA 6010)	Chromium Total ICAP	3.7	mg/L	0.00044	0.05	0.0022	5	
EPA 314.0 - Perchlorate Sterile Filtered											
02/23/2012	23:31	639528	(EPA 314.0)	Perchlorate	830000	ug/L	0.25	40000	2500	10000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/14/2012	02/14/2012	23:04	639141	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	5500	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
02/13/2012	15:26	639054	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1	
<u>M-70 (201202110186)</u>							Sampled on 02/09/2012 0821				
EPA 6010 - ICP Metals											

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

9/17

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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 Data
Report: 388090

Environ International Corp.

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

Samples Received on:
02/10/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
	03/15/2012 20:32	639820	(EPA 6010)	Chromium Total ICAP	4.4	mg/L	0.00044	0.05	0.0022	5
EPA 314.0 - Perchlorate Sterile Filtered										
	02/23/2012 23:53	639528	(EPA 314.0)	Perchlorate	550000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/14/2012	02/14/2012 23:05	639141	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	5300	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/13/2012 15:56	639054	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
<u>M-71 (201202110187)</u>							Sampled on 02/09/2012 0858			
EPA 6010 - ICP Metals										
	03/15/2012 20:41	639820	(EPA 6010)	Chromium Total ICAP	3.6	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/24/2012 08:51	640532	(EPA 314.0)	Perchlorate	470000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/14/2012	02/14/2012 23:06	639141	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	5300	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/13/2012 16:00	639054	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
<u>M-72 (201202110188)</u>							Sampled on 02/09/2012 0920			
EPA 6010 - ICP Metals										
	03/15/2012 20:43	639820	(EPA 6010)	Chromium Total ICAP	5.1	mg/L	0.00044	0.05	0.0022	5
EPA 314.0 - Perchlorate Sterile Filtered										
	02/24/2012 09:13	640532	(EPA 314.0)	Perchlorate	1000000	ug/L	0.25	80000	5000	20000

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

10/17

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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 Data
Report: 388090

Environ International Corp.

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

Samples Received on:
02/10/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/14/2012	02/14/2012	23:07 639141	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	8600	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/13/2012	16:05 639054	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1
<u>M-14A (201202110189)</u>							Sampled on 02/09/2012 1048			
EPA 6010 - ICP Metals										
	03/15/2012	20:46 639820	(EPA 6010)	Chromium Total ICAP	0.32	mg/L	0.00044	0.05	0.0022	5
EPA 314.0 - Perchlorate Sterile Filtered										
	02/24/2012	11:51 640532	(EPA 314.0)	Perchlorate	28000	ug/L	0.25	4000	250	1000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/14/2012	02/14/2012	23:08 639141	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	3100	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/13/2012	16:09 639054	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1
<u>M-10 (201202110190)</u>							Sampled on 02/09/2012 1255			
EPA 6010 - ICP Metals										
	03/15/2012	20:49 639820	(EPA 6010)	Chromium Total ICAP	0.52	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/24/2012	12:14 640532	(EPA 314.0)	Perchlorate	12000	ug/L	0.25	4000	250	1000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/14/2012	02/14/2012	23:09 639141	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2800	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										

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

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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 Data
Report: 388090

Environ International Corp.

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

Samples Received on:
02/10/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
	02/13/2012 16:14	639054	(EPA 9040)	PH (H3=past HT not compliant)	7.2	Units	0.10	0.1	0.10	1
EPA 7196 - CRVI 7196										
	02/11/2012 09:04	638907	(EPA 7196)	Hexavalent chromium (Cr VI)	0.021	mg/L	0.0035	0.005	0.0035	1
VD-5 (201202110191)										
EPA 6010 - ICP Metals										
	03/15/2012 20:52	639820	(EPA 6010)	Chromium Total ICAP	0.13	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/24/2012 12:36	640532	(EPA 314.0)	Perchlorate	28000	ug/L	0.25	4000	250	1000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/14/2012	02/14/2012 23:10	639141	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	3100	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/13/2012 16:19	639054	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1
M-11 (201202110192)										
EPA 6010 - ICP Metals										
	03/15/2012 20:55	639820	(EPA 6010)	Chromium Total ICAP	2.4	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/24/2012 12:59	640532	(EPA 314.0)	Perchlorate	29000	ug/L	0.25	4000	250	1000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/14/2012	02/14/2012 23:11	639141	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2800(i)	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/13/2012 16:24	639054	(EPA 9040)	PH (H3=past HT not compliant)	7.9	Units	0.10	0.1	0.10	1
EPA 7196 - CRVI 7196										

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

12/17

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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 Data
Report: 388090**

Environ International Corp.

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

Samples Received on:
02/10/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
02/11/2012	09:02	638907	(EPA 7196)	Hexavalent chromium (Cr VI)	2.4	mg/L	0.0035	0.05	0.035	10



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
QC Summary: 388090**

Environ International Corp.

QC Ref # 638907 - Hexavalent Chromium by EPA 7196

201202110190 M-10
201202110192 M-11

Analysis Date: 02/11/2012

Analyzed by: KXS
Analyzed by: KXS

QC Ref # 639054 - PH (H3=past HT not compliant)

201202110184 M-83
201202110185 M-81A
201202110186 M-70
201202110187 M-71
201202110188 M-72
201202110189 M-14A
201202110190 M-10
201202110191 VD-5
201202110192 M-11

Analysis Date: 02/13/2012

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

QC Ref # 639141 - Total Dissolved Solids (TDS)

201202110184 M-83
201202110185 M-81A
201202110186 M-70
201202110187 M-71
201202110188 M-72
201202110189 M-14A
201202110190 M-10
201202110191 VD-5
201202110192 M-11

Analysis Date: 02/14/2012

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

QC Ref # 639528 - Perchlorate

201202110184 M-83
201202110185 M-81A
201202110186 M-70

Analysis Date: 02/23/2012

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

QC Ref # 639820 - ICP Metals

201202110184 M-83
201202110185 M-81A
201202110186 M-70
201202110187 M-71
201202110188 M-72
201202110189 M-14A
201202110190 M-10
201202110191 VD-5
201202110192 M-11

Analysis Date: 03/15/2012

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

QC Ref # 640532 - Perchlorate

201202110187 M-71
201202110188 M-72
201202110189 M-14A
201202110190 M-10
201202110191 VD-5

Analysis Date: 02/24/2012

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



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
QC Summary: 388090

Environ International Corp.

(continued)

201202110192

M-11

Analyzed by: LUPE



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
QC Report: 388090

Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 638907 - Hexavalent Chromium by EPA 7196 by EPA 7196					Analysis Date: 02/11/2012				
LCS1	Hexavalent chromium (Cr VI)		0.05	0.0500	mg/L	100	(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	0.00500	mg/L	100	(50-150)		
MS_201202110190	Hexavalent chromium (Cr VI)		0.05	4.69	mg/L	94	(85-115)		
MSD_201202110190	Hexavalent chromium (Cr VI)		0.05	5.6	mg/L	112	(85-115)	20	18
QC Ref# 639054 - PH (H3=past HT not compliant) by EPA 9040					Analysis Date: 02/13/2012				
DUP_201202090324	PH (H3=past HT not compliant)	7.6		7.65	Units		(0-20)	20	0.39
DUP_201202080371	PH (H3=past HT not compliant)	4.1		4.16	Units		(0-20)	20	2.2
LCS1	PH (H3=past HT not compliant)		6.0	5.96	Units	99	(98-102)		
LCS2	PH (H3=past HT not compliant)		6.0	6.00	Units	100	(98-102)	20	0.67
QC Ref# 639141 - Total Dissolved Solids (TDS) by E160.1/SM2540C					Analysis Date: 02/14/2012				
DUP_201202110151	Total Dissolved Solid (TDS)	2800		2780	mg/L		(0-20)	20	0.36
DUP_201202110184	Total Dissolved Solid (TDS)	1700		1630	mg/L		(0-20)	20	2.4
LCS1	Total Dissolved Solid (TDS)		175	172	mg/L	98	(80-114)		
LCS2	Total Dissolved Solid (TDS)		700	700	mg/L	100	(80-114)		
MBLK	Total Dissolved Solid (TDS)			<10	mg/L				
MRL_CHK	Total Dissolved Solid (TDS)		10	13.0	mg/L	130	(50-150)		
QC Ref# 639528 - Perchlorate by EPA 314.0					Analysis Date: 02/23/2012				
LCS1	Perchlorate		25	24.2	ug/L	97	(85-115)		
LCS2	Perchlorate		25	25.1	ug/L	100	(85-115)	15	3.6
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	3.73	ug/L	93	(75-125)		
MS_201202100316	Perchlorate	ND	25	26.2	ug/L	105	(80-120)		
MSD_201202100316	Perchlorate	ND	25	25.7	ug/L	103	(80-120)	15	1.9
QC Ref# 639820 - ICP Metals by EPA 6010					Analysis Date: 03/15/2012				
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

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.

16/17

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

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
QC Report: 388090

Environ International Corp.
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MSD2_201202110184	Chromium Total ICAP	0.40	1.0	1.37	mg/L	97	(70-130)	20	1.5
QC Ref# 640532 - Perchlorate by EPA 314.0					Analysis Date: 02/24/2012				
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.

17/17

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)