



MWH

LABORATORIES

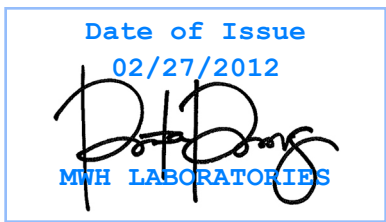
A Division of MWH Americas, Inc.

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#: 387619
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 #: 387619
 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 07, 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>201202070189</u>	PC-123	Feb 06, 2012 05:00
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202070200</u>	PC-128	Feb 06, 2012 05:29
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202070201</u>	PC-129	Feb 06, 2012 05:46
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202070202</u>	PC-130	Feb 06, 2012 06:10
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202070203</u>	PC-131	Feb 06, 2012 06:32
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202070204</u>	PC-132	Feb 06, 2012 06:50
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202070205</u>	PC-124	Feb 06, 2012 07:16
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202070206</u>	PC-125	Feb 06, 2012 07:33
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201202070207</u>	PC-126	Feb 06, 2012 07:49



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 #: 387619
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 07, 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 Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202070208</u>	PC-127	Feb 06, 2012 08:08
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202070209</u>	M-96	Feb 06, 2012 08:50
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202070210</u>	PC-54	Feb 06, 2012 09:11
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202070211</u>	M-48A	Feb 06, 2012 09:33
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202070212</u>	M-44	Feb 06, 2012 10:55
	Chromium Total ICAP RCRA PH (H3=past HT not compliant)	CRV17196 Total Dissolved Solid (TDS)
<u>201202070213</u>	PC-71	Feb 06, 2012 09:58
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202070214</u>	PC-72	Feb 06, 2012 10:18
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202070215</u>	PC-73	Feb 06, 2012 10:34
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202070216</u>	PC-37	4/31 Feb 06, 2012 11:18

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 #: 387619
 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 07, 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 Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202070217</u>	M-23	Feb 06, 2012 11:48
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202070218</u>	VD-1	Feb 06, 2012 08:00
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201202070219</u>	EB-1	Feb 06, 2012 12:20
	Chromium Total ICAP RCRA PH (H3=past HT not compliant)	CRVI7196 Total Dissolved Solid (TDS) Perchlorate

Test Description



387619

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

MWILABS USE ONLY:
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: WLB
SAMPLE TEMP, RECEIPT AT LAB: 2.0

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: Nevada Environmental Response Trust
 PROJECT JOB # / P.O.#: 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)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	PH	TDS	CR	CL04	Stenile CLO4	CRM	SAMPLER Comments
500A	2-6-12		PC-123	RGW	X		X	X	X	X			5 Bottles
599A	2-6-12		PC-128	RGW	X		X	X	X	X			5 Bottles
546A	2-6-12		PC-129	RGW	X		X	X	X	X			5 Bottles
410A	2-6-12		PC-130	RGW	X		X	X	X	X			5 Bottles
631	2-6-12		PC-131	RGW	X		X	X	X	X			5 Bottles
1450A	2-6-12		PC-132	RGW	X		X	X	X	X			5 Bottles
710A	2-6-12		PC-124	RGW	X		X	X	X	X			5 Bottles
733A	2-6-12		PC-125	RGW	X		X	X	X	X			5 Bottles
749A	2-6-12		PC-126	RGW	X		X	X	X	X			5 Bottles
808A	2-6-12		PC-127	RGW	X		X	X	X	X			5 Bottles
850A	2-6-12		M-96	RGW	X		X	X	X	X			5 Bottles
911A	2-6-12		PC-54	RGW	X		X	X	X	X			5 Bottles

Reported by Weight:

SO = Soil
SL = Sludge

Reported by Volume:

CFW = Chlor(amin)ated 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

RELINQUISHED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	<i>Michele Brown</i>	Michele Brown	Veolia Water for Nevada Environmental Response Trust	2-6-12	12:00PM
RECEIVED BY:	<i>Chris Cabreria</i>	Chris Cabreria	MWH	2/7/12	1143
RELINQUISHED BY:					
RECEIVED BY:					



MONTGOMERY WATSON LABORATORIES CHAIN OF CUSTODY RECORD

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: W

SAMPLE TEMP, RECEIPT AT LAB: 20

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

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

Sampler: Michele Brown
 Location: 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	SR	ClO4	Stetite ClO4	CRM	SAMPLER Comments
933A	2-6-12		M-48A	RGW	X		X	X	X	X	X		5 Bottles
1055A	2-6-12		M-44	RGW	X		X	X	X	X	X		6 Bottles
958A	2-6-12		PC-71	RGW	X		X	X	X	X	X		5 Bottles
1018A	2-6-12		PC-72	RGW	X		X	X	X	X	X		5 Bottles
1034A	2-6-12		PC-73	RGW	X		X	X	X	X	X		5 Bottles
1118A	2-6-12		PC-37	RGW	X		X	X	X	X	X		5 Bottles
1118A	2-6-12		M-23	RGW	X		X	X	X	X	X		5 Bottles
—	2-6-12		VB-1	RGW	X		X	X	X	X	X		5 Bottles
1200	2-6-12		EB-1	RGW	X		X	X	X	X	X		6 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
				RGW	X		X	X	X	X	X		Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water

FW = Other Finished Water

RGW = Raw Ground Water

RSW = Raw Surface Water

Reported by Weight:

SO = Soil

SL = Sludge

CWW = Chlorinated Waste Water

WW = Other Waste Water

SW = Storm Water

RELINQUISHED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY:	<i>Michele Brown</i>	Michele Brown	Veolia Water for Nevada Environmental Response Trust	2-6-12	12:00PM
RELINQUISHED BY:	<i>Michele Brown</i>	Michele Brown	MWW	2/7/12	11:43
RECEIVED BY:					

Kit Order for Environ International Corp.

Rita Reeves is Your MWH Labs Project Manager

Sampler: please return this paper with your samples

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

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

From: (702) 566-6001
Thomas McDaniel
Veolia Water NA West LLC
510 Fourth St.

Origin ID: LASA



J12101112190225

Ship Date: 06FEB12
ActWgt: 72.0 LB
CAD: 5135271/INET3250

Henderson, NV 89009

Delivery Address Bar Code



SHIP TO: (626) 568-6400

BILL SENDER

Linda Geddes
Montgomery Watson Labs
750 Royal Oaks Drive suite 100

Ref # water samples
Invoice #
PO #
Dept #

Monrovia, CA 91016

8 of 8

TUE - 07 FEB A1
PRIORITY OVERNIGHT

MPS# 7980 2836 6871

0263

Mstr# 7980 2836 6334

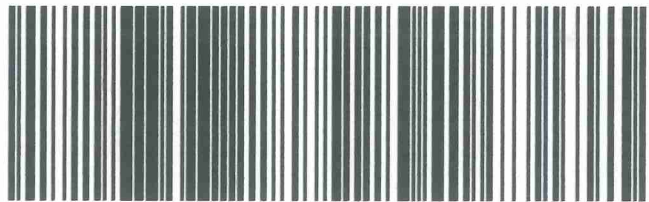
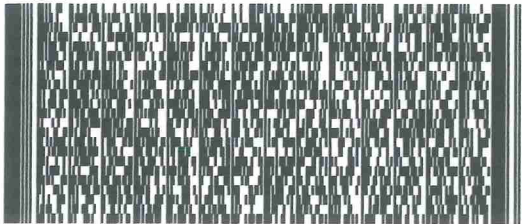
0201

91016

CA-US

BUR

QZ WHPA



512G1/9F59/A278

After printing this label:

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February 27, 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 07, 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.

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Monrovia, California, 91016-3629
Tel: 626 386 1100
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Environ International Corp.
John M. Pekala, P.G.
1702 E. Highland Ave.
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Phoenix, AZ 85016

Laboratory Comments
Report: #387619



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Laboratory
Hits Report: 387619

Environ International Corp.

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

Samples Received on:
02/07/2012

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
201202070189 <u>PC-123</u>						
02/17/2012	19:11	Chromium Total ICAP	1.3		mg/L	0.02
02/14/2012	14:55	Perchlorate	340000	6	ug/L	40000
02/08/2012	17:42	PH (H3=past HT not compliant)	7.6		Units	0.1
02/10/2012	22:37	Total Dissolved Solids (TDS)	6800	500	mg/L	10
201202070200 <u>PC-128</u>						
02/17/2012	19:02	Chromium Total ICAP	0.28		mg/L	0.01
02/14/2012	15:17	Perchlorate	280000	6	ug/L	40000
02/08/2012	17:46	PH (H3=past HT not compliant)	7.6		Units	0.1
02/10/2012	22:38	Total Dissolved Solids (TDS)	5700	500	mg/L	10
201202070201 <u>PC-129</u>						
02/17/2012	19:14	Chromium Total ICAP	0.96		mg/L	0.02
02/14/2012	15:39	Perchlorate	490000	6	ug/L	40000
02/08/2012	17:50	PH (H3=past HT not compliant)	7.5		Units	0.1
02/10/2012	22:39	Total Dissolved Solids (TDS)	6700	500	mg/L	10
201202070202 <u>PC-130</u>						
02/17/2012	19:23	Chromium Total ICAP	0.95		mg/L	0.02
02/14/2012	16:02	Perchlorate	520000	6	ug/L	40000
02/09/2012	17:07	PH (H3=past HT not compliant)	7.6		Units	0.1
02/10/2012	22:40	Total Dissolved Solids (TDS)	7500	500	mg/L	10
201202070203 <u>PC-131</u>						
02/14/2012	16:24	Perchlorate	4500	6	ug/L	400
02/09/2012	17:15	PH (H3=past HT not compliant)	7.6		Units	0.1
02/10/2012	22:41	Total Dissolved Solids (TDS)	8800	500	mg/L	10
201202070204 <u>PC-132</u>						
02/14/2012	16:47	Perchlorate	1500	6	ug/L	200
02/09/2012	17:20	PH (H3=past HT not compliant)	7.6		Units	0.1
02/10/2012	22:42	Total Dissolved Solids (TDS)	8400	500	mg/L	10
201202070205 <u>PC-124</u>						
02/17/2012	19:34	Chromium Total ICAP	0.068		mg/L	0.02
02/14/2012	17:09	Perchlorate	7900	6	ug/L	400
02/09/2012	17:25	PH (H3=past HT not compliant)	7.5		Units	0.1
02/10/2012	22:43	Total Dissolved Solids (TDS)	7800	500	mg/L	10



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Laboratory
Hits Report: 387619

Environ International Corp.

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

Samples Received on:
02/07/2012

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
201202070206 <u>PC-125</u>						
02/22/2012	18:46	Perchlorate	2100	6	ug/L	400
02/09/2012	17:29	PH (H3=past HT not compliant)	7.6		Units	0.1
02/10/2012	22:35	Total Dissolved Solids (TDS)	3000	500	mg/L	10
201202070207 <u>PC-126</u>						
02/17/2012	19:40	Chromium Total ICAP	0.19		mg/L	0.02
02/14/2012	18:16	Perchlorate	24000	6	ug/L	2000
02/09/2012	17:33	PH (H3=past HT not compliant)	7.5		Units	0.1
02/10/2012	22:44	Total Dissolved Solids (TDS)	9400	500	mg/L	10
201202070208 <u>PC-127</u>						
02/17/2012	19:43	Chromium Total ICAP	1.3		mg/L	0.02
02/14/2012	18:38	Perchlorate	320000	6	ug/L	40000
02/09/2012	17:37	PH (H3=past HT not compliant)	7.6		Units	0.1
02/10/2012	22:45	Total Dissolved Solids (TDS)	6800	500	mg/L	10
201202070209 <u>M-96</u>						
02/17/2012	20:04	Chromium Total ICAP	0.58		mg/L	0.02
02/14/2012	19:01	Perchlorate	260000	6	ug/L	40000
02/09/2012	17:41	PH (H3=past HT not compliant)	7.6		Units	0.1
02/10/2012	22:46	Total Dissolved Solids (TDS)	5600	500	mg/L	10
201202070210 <u>PC-54</u>						
02/17/2012	20:08	Chromium Total ICAP	1.6		mg/L	0.02
02/14/2012	19:23	Perchlorate	260000	6	ug/L	40000
02/09/2012	17:45	PH (H3=past HT not compliant)	7.6		Units	0.1
02/10/2012	22:48	Total Dissolved Solids (TDS)	5500	500	mg/L	10
201202070211 <u>M-48A</u>						
02/17/2012	20:11	Chromium Total ICAP	2.1		mg/L	0.02
02/14/2012	19:46	Perchlorate	300000	6	ug/L	20000
02/09/2012	17:49	PH (H3=past HT not compliant)	7.5		Units	0.1
02/10/2012	22:49	Total Dissolved Solids (TDS)	4200	500	mg/L	10
201202070212 <u>M-44</u>						
02/17/2012	20:14	Chromium Total ICAP	0.71		mg/L	0.02
02/08/2012	10:34	Hexavalent chromium (Cr VI)	0.79		mg/L	0.05
02/14/2012	20:08	Perchlorate	820000	6	ug/L	40000



MWH

LABORATORIES

A Division of MWH Americas, Inc.

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Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory
Hits Report: 387619

Environ International Corp.

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

Samples Received on:
02/07/2012

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
02/09/2012 18:02	PH (H3=past HT not compliant)		7.6		Units	0.1
02/10/2012 22:50	Total Dissolved Solids (TDS)		7800	500	mg/L	10
		201202070213				
		<u>PC-71</u>				
02/17/2012 20:18	Chromium Total ICAP		0.39		mg/L	0.02
02/14/2012 20:30	Perchlorate		340000	6	ug/L	40000
02/09/2012 18:11	PH (H3=past HT not compliant)		7.7		Units	0.1
02/10/2012 22:51	Total Dissolved Solids (TDS)		7100	500	mg/L	10
		201202070214				
		<u>PC-72</u>				
02/17/2012 20:21	Chromium Total ICAP		0.20		mg/L	0.02
02/14/2012 20:53	Perchlorate		260000	6	ug/L	40000
02/09/2012 18:15	PH (H3=past HT not compliant)		7.7		Units	0.1
02/10/2012 22:52	Total Dissolved Solids (TDS)		6800	500	mg/L	10
		201202070215				
		<u>PC-73</u>				
02/17/2012 19:46	Chromium Total ICAP		0.35		mg/L	0.01
02/14/2012 21:15	Perchlorate		350000	6	ug/L	40000
02/09/2012 18:19	PH (H3=past HT not compliant)		7.6		Units	0.1
02/10/2012 22:53	Total Dissolved Solids (TDS)		6600	500	mg/L	10
		201202070216				
		<u>PC-37</u>				
02/17/2012 20:23	Chromium Total ICAP		0.25		mg/L	0.02
02/15/2012 00:37	Perchlorate		400000	6	ug/L	40000
02/09/2012 18:23	PH (H3=past HT not compliant)		7.7		Units	0.1
02/10/2012 22:54	Total Dissolved Solids (TDS)		7300	500	mg/L	10
		201202070217				
		<u>M-23</u>				
02/17/2012 20:27	Chromium Total ICAP		0.59		mg/L	0.02
02/15/2012 01:44	Perchlorate		410000	6	ug/L	40000
02/09/2012 18:27	PH (H3=past HT not compliant)		7.5		Units	0.1
02/10/2012 22:55	Total Dissolved Solids (TDS)		4500	500	mg/L	10
		201202070218				
		<u>VD-1</u>				
02/17/2012 20:30	Chromium Total ICAP		1.3		mg/L	0.02
02/15/2012 02:06	Perchlorate		350000	6	ug/L	40000
02/09/2012 18:31	PH (H3=past HT not compliant)		7.6		Units	0.1
02/10/2012 22:56	Total Dissolved Solids (TDS)		6900	500	mg/L	10
		201202070219				
		<u>EB-1</u>				



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**Laboratory
Hits Report: 387619**

Environ International Corp.

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

Samples Received on:
02/07/2012

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
02/15/2012 02:29	Perchlorate		8.4	6	ug/L	4
02/09/2012 18:35	PH (H3=past HT not compliant)		4.0		Units	0.1
02/10/2012 23:37	Total Dissolved Solids (TDS)		16	500	mg/L	10



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Laboratory Data
Report: 387619

Environ International Corp.

John M. Pekala, P.G.
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Suite 412
Phoenix, AZ 85016

Samples Received on:
02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
PC-123 (201202070189)							Sampled on 02/06/2012 0500				
EPA 6010 - ICP Metals											
02/17/2012	19:11	638977	(EPA 6010)	Chromium Total ICAP	1.3	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
02/14/2012	14:55	639039	(EPA 314.0)	Perchlorate	340000	ug/L	0.25	40000	2500	10000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	22:37	638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6800	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
02/08/2012	17:42	638354	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1	
PC-128 (201202070200)							Sampled on 02/06/2012 0529				
EPA 6010 - ICP Metals											
02/17/2012	19:02	638977	(EPA 6010)	Chromium Total ICAP	0.28	mg/L	0.00044	0.01	0.00044	1	
EPA 314.0 - Perchlorate Sterile Filtered											
02/14/2012	15:17	639039	(EPA 314.0)	Perchlorate	280000	ug/L	0.25	40000	2500	10000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	22:38	638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	5700	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
02/08/2012	17:46	638354	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1	
PC-129 (201202070201)							Sampled on 02/06/2012 0546				
EPA 6010 - ICP Metals											

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

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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Samples Received on:
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Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
	02/17/2012 19:14	638977	(EPA 6010)	Chromium Total ICAP	0.96	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/14/2012 15:39	639039	(EPA 314.0)	Perchlorate	490000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012 22:39	638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6700	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/08/2012 17:50	638354	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1
<u>PC-130 (201202070202)</u>							Sampled on 02/06/2012 0610			
EPA 6010 - ICP Metals										
	02/17/2012 19:23	638977	(EPA 6010)	Chromium Total ICAP	0.95	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/14/2012 16:02	639039	(EPA 314.0)	Perchlorate	520000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012 22:40	638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	7500	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/09/2012 17:07	638579	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
<u>PC-131 (201202070203)</u>							Sampled on 02/06/2012 0632			
EPA 6010 - ICP Metals										
	02/17/2012 19:27	638977	(EPA 6010)	Chromium Total ICAP	0.0046J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/14/2012 16:24	639039	(EPA 314.0)	Perchlorate	4500	ug/L	0.25	400	25	100

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

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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Laboratory Data
Report: 387619

Environ International Corp.

John M. Pekala, P.G.
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Phoenix, AZ 85016

Samples Received on:
02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012	22:41 638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	8800	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/09/2012	17:15 638579	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
<u>PC-132 (201202070204)</u>							Sampled on 02/06/2012 0650			
EPA 6010 - ICP Metals										
	02/17/2012	19:30 638977	(EPA 6010)	Chromium Total ICAP	0.0032J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/14/2012	16:47 639039	(EPA 314.0)	Perchlorate	1500	ug/L	0.25	200	12	50
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012	22:42 638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	8400	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/09/2012	17:20 638579	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
<u>PC-124 (201202070205)</u>							Sampled on 02/06/2012 0716			
EPA 6010 - ICP Metals										
	02/17/2012	19:34 638977	(EPA 6010)	Chromium Total ICAP	0.068	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/14/2012	17:09 639039	(EPA 314.0)	Perchlorate	7900	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012	22:43 638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	7800	mg/L	4.2	10	4.2	1

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

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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**Laboratory Data
Report: 387619**

Environ International Corp.

John M. Pekala, P.G.
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Suite 412
Phoenix, AZ 85016

Samples Received on:
02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
	02/09/2012 17:25	638579	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1	
<u>PC-125 (201202070206)</u>							Sampled on 02/06/2012 0733				
EPA 6010 - ICP Metals											
	02/17/2012 19:37	638977	(EPA 6010)	Chromium Total ICAP	0.011J	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
	02/22/2012 18:46	639369	(EPA 314.0)	Perchlorate	2100	ug/L	0.25	400	25	100	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012 22:35	638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	3000	mg/L	4.2	10	4.2	1	
EPA 9040 - PH by EPA 9040											
	02/09/2012 17:29	638579	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1	
<u>PC-126 (201202070207)</u>							Sampled on 02/06/2012 0749				
EPA 6010 - ICP Metals											
	02/17/2012 19:40	638977	(EPA 6010)	Chromium Total ICAP	0.19	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
	02/14/2012 18:16	639039	(EPA 314.0)	Perchlorate	24000	ug/L	0.25	2000	120	500	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012 22:44	638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	9400	mg/L	4.2	10	4.2	1	
EPA 9040 - PH by EPA 9040											
	02/09/2012 17:33	638579	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1	
<u>PC-127 (201202070208)</u>							Sampled on 02/06/2012 0808				
EPA 6010 - ICP Metals											

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

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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Laboratory Data
Report: 387619

Environ International Corp.

John M. Pekala, P.G.
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Suite 412
Phoenix, AZ 85016

Samples Received on:
02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
	02/17/2012 19:43	638977	(EPA 6010)	Chromium Total ICAP	1.3	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/14/2012 18:38	639039	(EPA 314.0)	Perchlorate	320000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012 22:45	638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6800	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/09/2012 17:37	638579	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
<u>M-96 (201202070209)</u>							Sampled on 02/06/2012 0850			
EPA 6010 - ICP Metals										
	02/17/2012 20:04	638977	(EPA 6010)	Chromium Total ICAP	0.58	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/14/2012 19:01	639039	(EPA 314.0)	Perchlorate	260000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012 22:46	638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	5600	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/09/2012 17:41	638579	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
<u>PC-54 (201202070210)</u>							Sampled on 02/06/2012 0911			
EPA 6010 - ICP Metals										
	02/17/2012 20:08	638977	(EPA 6010)	Chromium Total ICAP	1.6	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/14/2012 19:23	639039	(EPA 314.0)	Perchlorate	260000	ug/L	0.25	40000	2500	10000

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

20/31

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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1 800 566 LABS (1 800 566 5227)

Laboratory Data
Report: 387619

Environ International Corp.

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

Samples Received on:
02/07/2012

Table with columns: Prepared, Analyzed, QC Ref #, Method, Analyte, Result, Units, MDL, MRL, SQL, Dilution. Contains multiple rows of data for various tests like Total Dissolved Solid (TDS), PH by EPA 9040, EPA 6010 - ICP Metals, and EPA 314.0 - Perchlorate Sterile Filtered.

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

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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**Laboratory Data
Report: 387619**

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Phoenix, AZ 85016

Samples Received on:
02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
	02/09/2012 18:02	638579	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
EPA 7196 - CRVI 7196										
	02/08/2012 10:34	638271	(EPA 7196)	Hexavalent chromium (Cr VI)	0.79	mg/L	0.0035	0.05	0.035	10
PC-71 (201202070213)							Sampled on 02/06/2012 0958			
EPA 6010 - ICP Metals										
	02/17/2012 20:18	638977	(EPA 6010)	Chromium Total ICAP	0.39	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/14/2012 20:30	639039	(EPA 314.0)	Perchlorate	340000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012 22:51	638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	7100	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/09/2012 18:11	638579	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1
PC-72 (201202070214)							Sampled on 02/06/2012 1018			
EPA 6010 - ICP Metals										
	02/17/2012 20:21	638977	(EPA 6010)	Chromium Total ICAP	0.20	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/14/2012 20:53	639039	(EPA 314.0)	Perchlorate	260000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012 22:52	638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6800	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/09/2012 18:15	638579	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1
PC-73 (201202070215)							Sampled on 02/06/2012 1034			

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

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
EPA 6010 - ICP Metals										
02/17/2012	19:46	638977	(EPA 6010)	Chromium Total ICAP	0.35	mg/L	0.00044	0.01	0.00044	1
EPA 314.0 - Perchlorate Sterile Filtered										
02/14/2012	21:15	639039	(EPA 314.0)	Perchlorate	350000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012	22:53	638691 (E160.1/SM2540C)	Total Dissolved Solids (TDS)	6600	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
02/09/2012	18:19	638579	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
<u>PC-37 (201202070216)</u>							Sampled on 02/06/2012 1118			
EPA 6010 - ICP Metals										
02/17/2012	20:23	638977	(EPA 6010)	Chromium Total ICAP	0.25	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
02/15/2012	00:37	639040	(EPA 314.0)	Perchlorate	400000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012	22:54	638691 (E160.1/SM2540C)	Total Dissolved Solids (TDS)	7300	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
02/09/2012	18:23	638579	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1
<u>M-23 (201202070217)</u>							Sampled on 02/06/2012 1148			
EPA 6010 - ICP Metals										
02/17/2012	20:27	638977	(EPA 6010)	Chromium Total ICAP	0.59	mg/L	0.00044	0.02	0.00088	2

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

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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Laboratory Data
Report: 387619

Environ International Corp.

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

Samples Received on:
02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
EPA 314.0 - Perchlorate Sterile Filtered											
	02/15/2012	01:44	639040	(EPA 314.0)	Perchlorate	410000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	22:55	638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	4500	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	02/09/2012	18:27	638579	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1
<u>VD-1 (201202070218)</u>							Sampled on 02/06/2012 0800				
EPA 6010 - ICP Metals											
	02/17/2012	20:30	638977	(EPA 6010)	Chromium Total ICAP	1.3	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered											
	02/15/2012	02:06	639040	(EPA 314.0)	Perchlorate	350000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	22:56	638691	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6900 ^(c)	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	02/09/2012	18:31	638579	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
<u>EB-1 (201202070219)</u>							Sampled on 02/06/2012 1220				
EPA 6010 - ICP Metals											
	02/20/2012	16:53	639816	(EPA 6010)	Chromium Total ICAP	0.00049J	mg/L	0.00044	0.01	0.00044	1
EPA 314.0 - Perchlorate Sterile Filtered											
	02/15/2012	02:29	639040	(EPA 314.0)	Perchlorate	8.4	ug/L	0.25	4	0.25	1

E160.1/SM2540C - Total Dissolved Solid (TDS)

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



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**Laboratory Data
Report: 387619**

Environ International Corp.

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

Samples Received on:
02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
2/10/2012	02/10/2012	23:37 638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	16	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	02/09/2012	18:35 638579	(EPA 9040)	PH (H3=past HT not compliant)	4.0	Units	0.10	0.1	0.10	1
EPA 7196 - CRVI 7196										
	02/08/2012	10:37 638271	(EPA 7196)	Hexavalent chromium (Cr VI)	ND	mg/L	0.0035	0.005	0.0035	1



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**Laboratory
QC Summary: 387619**

Environ International Corp.

(continued)

201202070216	PC-37	Analyzed by: JRF
201202070217	M-23	Analyzed by: JRF
201202070218	VD-1	Analyzed by: JRF

QC Ref # 638697 - Total Dissolved Solids (TDS)

201202070219	EB-1	Analyzed by: JRF
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Analysis Date: 02/10/2012

QC Ref # 638977 - ICP Metals

201202070189	PC-123	Analyzed by: NINA
201202070200	PC-128	Analyzed by: NINA
201202070201	PC-129	Analyzed by: NINA
201202070202	PC-130	Analyzed by: NINA
201202070203	PC-131	Analyzed by: NINA
201202070204	PC-132	Analyzed by: NINA
201202070205	PC-124	Analyzed by: NINA
201202070206	PC-125	Analyzed by: NINA
201202070207	PC-126	Analyzed by: NINA
201202070208	PC-127	Analyzed by: NINA
201202070209	M-96	Analyzed by: NINA
201202070210	PC-54	Analyzed by: NINA
201202070211	M-48A	Analyzed by: NINA
201202070212	M-44	Analyzed by: NINA
201202070213	PC-71	Analyzed by: NINA
201202070214	PC-72	Analyzed by: NINA
201202070215	PC-73	Analyzed by: NINA
201202070216	PC-37	Analyzed by: NINA
201202070217	M-23	Analyzed by: NINA
201202070218	VD-1	Analyzed by: NINA

Analysis Date: 02/17/2012

QC Ref # 639039 - Perchlorate

201202070189	PC-123	Analyzed by: LUPE
201202070200	PC-128	Analyzed by: LUPE
201202070201	PC-129	Analyzed by: LUPE
201202070202	PC-130	Analyzed by: LUPE
201202070203	PC-131	Analyzed by: LUPE
201202070204	PC-132	Analyzed by: LUPE
201202070205	PC-124	Analyzed by: LUPE
201202070207	PC-126	Analyzed by: LUPE
201202070208	PC-127	Analyzed by: LUPE
201202070209	M-96	Analyzed by: LUPE
201202070210	PC-54	Analyzed by: LUPE
201202070211	M-48A	Analyzed by: LUPE
201202070212	M-44	Analyzed by: LUPE
201202070213	PC-71	Analyzed by: LUPE
201202070214	PC-72	Analyzed by: LUPE
201202070215	PC-73	Analyzed by: LUPE

Analysis Date: 02/14/2012



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**Laboratory
QC Summary: 387619**

Environ International Corp.

(continued)

QC Ref # 639040 - Perchlorate

201202070216	PC-37
201202070217	M-23
201202070218	VD-1
201202070219	EB-1

Analysis Date: 02/15/2012

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

QC Ref # 639369 - Perchlorate

201202070206	PC-125
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Analysis Date: 02/22/2012

Analyzed by: LUPE

QC Ref # 639816 - ICP Metals

201202070219	EB-1
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Analysis Date: 02/20/2012

Analyzed by: NINA



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Laboratory
QC Report: 387619

Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 638271 - Hexavalent Chromium by EPA 7196 by EPA 7196					Analysis Date: 02/08/2012				
LCS1	Hexavalent chromium (Cr VI)		0.05	0.0550	mg/L	110	(85-115)		
LCS2	Hexavalent chromium (Cr VI)		0.05	0.0490	mg/L	98	(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_201202070212	Hexavalent chromium (Cr VI)	0.79	0.05	1.24	mg/L	90	(85-115)		
MSD_201202070212	Hexavalent chromium (Cr VI)	0.79	0.05	1.35	mg/L	111	(85-115)	20	8.5
QC Ref# 638354 - PH (H3=past HT not compliant) by EPA 9040					Analysis Date: 02/08/2012				
DUP_201202090161	PH (H3=past HT not compliant)	7.8		7.75	Units		(0-20)	20	0.0
LCS1	PH (H3=past HT not compliant)		6.0	6.00	Units	100	(98-102)		
LCS2	PH (H3=past HT not compliant)		6.0	5.97	Units	100	(98-102)	20	0.50
QC Ref# 638579 - PH (H3=past HT not compliant) by EPA 9040					Analysis Date: 02/09/2012				
DUP_201202070212	PH (H3=past HT not compliant)	7.6		7.64	Units		(0-20)	20	0.53
DUP_201202070202	PH (H3=past HT not compliant)	7.6		7.61	Units		(0-20)	20	0.40
LCS1	PH (H3=past HT not compliant)		6.0	5.95	Units	99	(98-102)		
LCS2	PH (H3=past HT not compliant)		6.0	5.97	Units	100	(98-102)	20	0.34
QC Ref# 638691 - Total Dissolved Solids (TDS) by E160.1/SM2540C					Analysis Date: 02/10/2012				
DUP_201202070206	Total Dissolved Solid (TDS)	3000		2980	mg/L		(0-20)	20	0.0
DUP_201202070209	Total Dissolved Solid (TDS)	5600		5660	mg/L		(0-20)	20	0.50
LCS1	Total Dissolved Solid (TDS)		175	188	mg/L	107	(80-114)		
LCS2	Total Dissolved Solid (TDS)		700	690	mg/L	99	(80-114)		
MBLK	Total Dissolved Solid (TDS)			<10	mg/L				
MRL_CHK	Total Dissolved Solid (TDS)		10	9.00	mg/L	90	(50-150)		
QC Ref# 638697 - Total Dissolved Solids (TDS) by E160.1/SM2540C					Analysis Date: 02/10/2012				
DUP_201202070298	Total Dissolved Solid (TDS)	2000		2070	mg/L		(0-20)	20	1.2
DUP_201202100501	Total Dissolved Solid (TDS)	290		286	mg/L		(0-20)	20	1.4
LCS1	Total Dissolved Solid (TDS)		175	186	mg/L	106	(80-114)		
LCS2	Total Dissolved Solid (TDS)		700	682	mg/L	97	(80-114)		
MBLK	Total Dissolved Solid (TDS)			<10	mg/L				
MRL_CHK	Total Dissolved Solid (TDS)		10	11.0	mg/L	110	(50-150)		
QC Ref# 638977 - ICP Metals by EPA 6010					Analysis Date: 02/17/2012				
LCS1	Chromium Total ICAP		1.0	1.04	mg/L	104	(85-115)		
LCS2	Chromium Total ICAP		1.0	1.02	mg/L	102	(85-115)	20	1.9

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)



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QC Report: 387619

Environ International Corp.
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MBLK	Chromium Total ICAP			<0.01	mg/L				
MRL_CHK	Chromium Total ICAP		0.01	0.0107	mg/L	107	(50-150)		
MS_201202070200	Chromium Total ICAP	0.28	1.0	1.29	mg/L	100	(70-130)		
MS2_201202070215	Chromium Total ICAP	0.35	1.0	1.37	mg/L	102	(70-130)		
MSD_201202070200	Chromium Total ICAP	0.28	1.0	1.27	mg/L	99	(70-130)	20	1.6
MSD2_201202070215	Chromium Total ICAP	0.35	1.0	1.35	mg/L	100	(70-130)	20	1.5
QC Ref# 639039 - Perchlorate by EPA 314.0					Analysis Date: 02/14/2012				
LCS1	Perchlorate		25	25.1	ug/L	100	(85-115)		
LCS2	Perchlorate		25	25.6	ug/L	102	(85-115)	15	2.0
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	3.31	ug/L	83	(75-125)		
MS_201202070095	Perchlorate	ND	25	53.3	ug/L	107	(80-120)		
MSD_201202070095	Perchlorate	ND	25	49.7	ug/L	100	(80-120)	15	7.0
QC Ref# 639040 - Perchlorate by EPA 314.0					Analysis Date: 02/14/2012				
LCS1	Perchlorate		25	26.6	ug/L	106	(85-115)		
LCS2	Perchlorate		25	26.5	ug/L	106	(85-115)	15	0.38
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	4.91	ug/L	123	(75-125)		
MS_201202070216	Perchlorate	400000	25	668000	ug/L	108	(80-120)		
MSD_201202070216	Perchlorate	400000	25	655000	ug/L	103	(80-120)	15	2.0
QC Ref# 639369 - Perchlorate by EPA 314.0					Analysis Date: 02/22/2012				
LCS1	Perchlorate		25	24.4	ug/L	98	(85-115)		
LCS2	Perchlorate		25	23.1	ug/L	93	(85-115)	15	5.5
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	3.9	ug/L	98	(75-125)		
MS_201202210119	Perchlorate	ND	25	27.2	ug/L	109	(80-120)		
MSD_201202210119	Perchlorate	ND	25	26.9	ug/L	108	(80-120)	15	1.1
QC Ref# 639816 - ICP Metals by EPA 6010					Analysis Date: 02/20/2012				
LCS1	Chromium Total ICAP		1.0	1.09	mg/L	109	(85-115)		
LCS2	Chromium Total ICAP		1.0	1.03	mg/L	103	(85-115)	20	5.7
MBLK	Chromium Total ICAP			<0.01	mg/L				
MRL_CHK	Chromium Total ICAP		0.01	0.0110	mg/L	110	(50-150)		
MS_201202070219	Chromium Total ICAP	ND	1.0	1.1	mg/L	110	(70-130)		

Spike recovery is already corrected for native results.

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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.

30/31

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)



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Environ International Corp.
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MS2_201202070287	Chromium Total ICAP	0.55	1.0	1.62	mg/L	107	(70-130)		
MSD_201202070219	Chromium Total ICAP	ND	1.0	1.12	mg/L	112	(70-130)	20	1.8
MSD2_201202070287	Chromium Total ICAP	0.55	1.0	1.54	mg/L	99	(70-130)	20	5.1

Spike recovery is already corrected for native results.

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

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(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)