



MWH

LABORATORIES

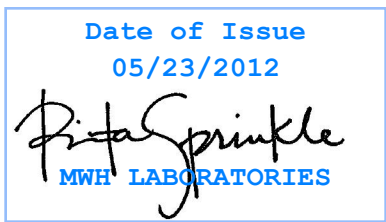
A Division of MWH Americas, Inc.

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 S Sprinkle
Project Manager



01114CA

Report: 396300
Project: CWA-RCRA
Group: Monthly ART and PC
Wells

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

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

Client ID: ENVIRON-NVTRUST
Folder #: 396300
Project: CWA-RCRA
Sample Group: Monthly ART and PC Wells
Project Manager: Rita S Sprinkle
Phone: 916-418-8358

The following samples were received from you on **May 09, 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>201205100329</u>	ART-1	05/08/2012 0925
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201205100330</u>	ART-2	05/08/2012 0930
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201205100331</u>	ART-3	05/08/2012 0934
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201205100332</u>	ART-4	05/08/2012 0938
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201205100333</u>	ART-6	05/08/2012 0900
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201205100334</u>	ART-7	05/08/2012 0946
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201205100335</u>	ART-8	05/08/2012 0942
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201205100336</u>	PC-99R2/R3	05/08/2012 0800
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201205100337</u>	PC-115R	05/08/2012 0803
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201205100338</u>	PC-116R	05/08/2012 0803
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201205100339</u>	SF-1	05/08/2012 0816
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201205100340</u>	PC-117	05/08/2012 0735
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201205100341</u>	PC-118	05/08/2012 0742
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201205100342</u>	PC-119	05/08/2012 0745
		3/20



Acknowledgement of Samples Received

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

Client ID: ENVIRON-NVTRUST
Folder #: 396300
Project: CWA-RCRA
Sample Group: Monthly ART and PC Wells
Project Manager: Rita S Sprinkle
Phone: 916-418-8358

The following samples were received from you on **May 09, 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 Perchlorate Total Dissolved Solid (TDS)	
<u>201205100343</u>	PC-120	05/08/2012 0749
	Chromium Total ICAP RCRA Perchlorate Total Dissolved Solid (TDS)	
<u>201205100344</u>	PC-121	05/08/2012 0752
	Chromium Total ICAP RCRA Perchlorate Total Dissolved Solid (TDS)	
<u>201205100345</u>	PC-133	05/08/2012 0756
	Chromium Total ICAP RCRA Perchlorate Total Dissolved Solid (TDS)	
<u>201205100346</u>	ART-9	05/08/2012 0953
	Chromium Total ICAP RCRA Perchlorate Total Dissolved Solid (TDS)	

Test Description

396300



CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

MWLABS USE ONLY:
 LOGIN COMMENTS: NET LAB SAMPLES CHECKED/LOGGED IN BY: MJD/LS
MULTIPL BUT COLD SAMPLE TEMP, RECEIPT AT LAB: 5.8c
 BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

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

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME Nevada Environmental Response Trust Russell Speckin	PROJECT JOB # / P.O.# CWA-RCRA Collection Wells Fields - Weekly - SO #12373	REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)	<input checked="" type="checkbox"/> (check for yes)
John Pekala 602-734-7710	Nevada Environmental Response Trust 35 East Wacker Suite 1550 Chicago, IL 60606		

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Sterile/ClO4	TDS	CR	SAMPLER COMMENTS
0725	5/8/12		ART-1	RSW	X		X	X		
0730	5/8/12		ART-2	RSW	X		X	X		
0734	5/8/12		ART-3	RSW	X		X	X		
0738	5/8/12		ART-4	RSW	X		X	X		
0700	5/8/12		ART-6	RSW	X		X	X		
0716	5/8/12		ART-7	RSW	X		X	X		
0712	5/8/12		ART-8	RSW	X		X	X		
0800	5/8/12		PC-99R2/R3	RSW	X		X	X		
0803	5/8/12		PC-115R	RSW	X		X	X		
0807	5/8/12		PC-116R	RSW	X		X	X		

* MATRIX TYPES: Reported by Volume: CFW = Chlorinated Finished Water FW = Other Finished 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:		Russell Speckin	Veolia Water for Nevada Environmental Response Trust	5/8/2012	1200pm
RELINQUISHED BY:				5/9/12	1453
RECEIVED BY:					



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(626) 386-1100 (800) 566-5227

M/LABS 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 CWA-RCRA
 Collection Wells Fields - Monthly - SO #12373

Sampler Signature: Russell Speckin
 Nevada Environmental Response Trust
 35 Wacker Suite 1550
 Chicago, IL 60606

John Pekala 602-734-7710

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	sterile filtered ClO4	TDS	CR	SAMPLER COMMENTS
0816	5/8/12		SF-1	RSW	X		X	X		
0735	5/8/12		PC-117	RSW	X		X	X		
0742	5/8/12		PC-118	RSW	X		X	X		
0745	5/8/12		PC-119	RSW	X		X	X		
0747	5/8/12		PC-120	RSW	X		X	X		
0752	5/8/12		PC-121	RSW	X		X	X		
0756	5/8/12		PC-133	RSW	X		X	X		
0953	5/8/12		ART-9	RSW	X		X	X		

* MATRIX TYPES:

Reported by Volume:
CFW = Chlor(am)inated Finished Water
FW = Other Finished Water

Reported by Weight:
SO = Soil
SL = Sludge

RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

RELINQUISHED BY: _____ SIGNATURE:

RECEIVED BY: _____ PRINT NAME: Russell Speckin

RELINQUISHED BY: _____ COMPANY/TITLE: Veolia Water for Nevada Environmental Response Trust

RECEIVED BY: _____ DATE: 5/8/2012

TIME: 1200pm

592 1453



LABORATORIES

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

Kit #: 48307

Created AutoGenerated

Order Date: 05/01/2012

STG: Bottle Orders

Kit Order for Environ International Corp.

Rita Reeves is Your MWH Labs Project Manager

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

Client ID: ENVIRON-NVTRUST

Project Code: CWA-RCRA Bottle Orders

Group Name: Monthly ART/PC Wells

PO#JOB#:

Ship By:
04/16/2012

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

20	Chromium Total ICAP RCRA	Bottles - Qty for each sample, type & preservative if any	UN DOT #
20	Perchlorate Sterile Filtered	1 250ml acid rinsed 1ml HNO3 (18%)	UN2031
20	Total Dissolved Solid (TDS)	1 125 ml poly + syringe, filter 125ml STERILE bottle	
		1 500ml poly TDS - no preservative	

Comments

Monthly ART and PC wells - DO NOT PRELABEL BOTTLES

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

Origin ID: LASA



J12101112190225

Henderson, NV 89015

Ship Date: 08MAY12
 ActWgt: 43.0 LB
 CAD: 5135271/INET3250

Delivery Address Bar Code



SHIP TO: (626) 568-6400

BILL SENDER

Linda Geddes
Montgomery Watson Labs
750 Royal Oaks Drive suite 100

Monrovia, CA 91016

Ref # Art and PC Quarterly
 Invoice #
 PO #
 Dept #

2 of 4

WED - 09 MAY A1
 PRIORITY OVERNIGHT

MPS# 7983 7427 7380

0263

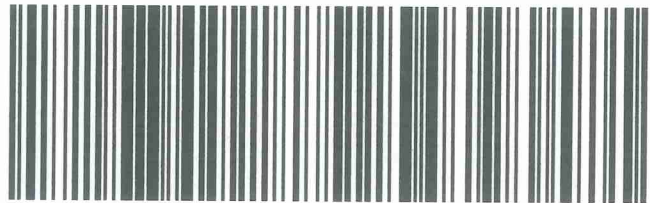
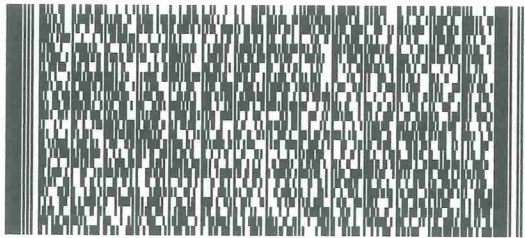
Mstr# 7983 7427 7050

0201

91016

CA-US

BUR

QZ WHPA

512G3B1A4/A278

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From: (702) 566-6001
 Russell Speckin
 Veolia Water NA West LLC
 510 Fourth St

Origin ID: LASA



J12101112190225

Ship Date: 08MAY12
 ActWgt: 37.0 LB
 CAD: 5135271/INET3250

Henderson, NV 89015

Delivery Address Bar Code



SHIP TO: (626) 568-6400

BILL SENDER

Linda Geddes
 Montgomery Watson Labs
 750 Royal Oaks Drive suite 100

Ref # Art and PC Quarterly
 Invoice #
 PO #
 Dept #

Monrovia, CA 91016

1 of 4

WED - 09 MAY A1
 PRIORITY OVERNIGHT

TRK# 7983 7427 7050

0201

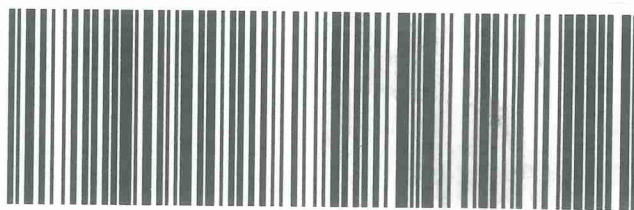
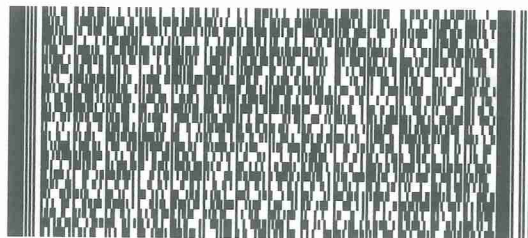
MASTER

91016

CA-US

BUR

QZ WHPA



512G3/61A4/A278

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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

May 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 May 09, 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
Fax: 626 386 1101
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Environ International Corp.
John M. Pekala, P.G.
1702 E. Highland Ave.
Suite 412
Phoenix, AZ 85016

Laboratory Comments
Report: #396300



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Laboratory Data
Report: 396300

Environ International Corp.

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

Samples Received on:
05/09/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
ART-1 (201205100329)							Sampled on 05/08/2012 0925				
EPA 6010 - ICP Metals											
5/10/2012	05/21/2012	19:30 654460	(EPA 6010)	Chromium Total ICAP	0.00096J	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
	05/17/2012	00:47 653407	(EPA 314.0)	Perchlorate	4800	ug/L	0.25	400	25	100	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/14/2012	05/14/2012	13:13 653112	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6400	mg/L	4.2	10	4.2	1	
ART-2 (201205100330)							Sampled on 05/08/2012 0930				
EPA 6010 - ICP Metals											
5/10/2012	05/21/2012	19:34 654460	(EPA 6010)	Chromium Total ICAP	0.026	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
	05/17/2012	01:09 653407	(EPA 314.0)	Perchlorate	64000	ug/L	0.25	4000	250	1000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/14/2012	05/14/2012	13:14 653112	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	9700	mg/L	4.2	10	4.2	1	
ART-3 (201205100331)							Sampled on 05/08/2012 0934				
EPA 6010 - ICP Metals											
5/10/2012	05/21/2012	19:45 654460	(EPA 6010)	Chromium Total ICAP	0.37	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
	05/17/2012	01:32 653407	(EPA 314.0)	Perchlorate	300000	ug/L	0.25	40000	2500	10000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/14/2012	05/14/2012	13:15 653112	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	8900	mg/L	4.2	10	4.2	1	
ART-4 (201205100332)							Sampled on 05/08/2012 0938				
EPA 6010 - ICP Metals											
5/10/2012	05/21/2012	19:48 654460	(EPA 6010)	Chromium Total ICAP	0.57	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
	05/17/2012	17:30 653575	(EPA 314.0)	Perchlorate	410000	ug/L	0.25	40000	2500	10000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/14/2012	05/14/2012	13:18 653112	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	7100	mg/L	4.2	10	4.2	1	
ART-6 (201205100333)							Sampled on 05/08/2012 0900				



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Report: 396300

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Phoenix, AZ 85016

Samples Received on:
05/09/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
EPA 6010 - ICP Metals										
5/10/2012	05/21/2012	19:52 654460	(EPA 6010)	Chromium Total ICAP	1.2	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/17/2012	18:37 653575	(EPA 314.0)	Perchlorate	300000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/14/2012	05/14/2012	13:19 653112	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6900	mg/L	4.2	10	4.2	1
<u>ART-7 (201205100334)</u>							Sampled on 05/08/2012 0946			
EPA 6010 - ICP Metals										
5/10/2012	05/21/2012	19:55 654460	(EPA 6010)	Chromium Total ICAP	0.74	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/17/2012	18:59 653575	(EPA 314.0)	Perchlorate	160000	ug/L	0.25	20000	1200	5000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/14/2012	05/14/2012	13:20 653112	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	8800	mg/L	4.2	10	4.2	1
<u>ART-8 (201205100335)</u>							Sampled on 05/08/2012 0942			
EPA 6010 - ICP Metals										
5/10/2012	05/21/2012	19:59 654460	(EPA 6010)	Chromium Total ICAP	0.20	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/17/2012	19:22 653575	(EPA 314.0)	Perchlorate	220000	ug/L	0.25	20000	1200	5000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/14/2012	05/14/2012	13:21 653112	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	9700	mg/L	4.2	10	4.2	1
<u>PC-99R2/R3 (201205100336)</u>							Sampled on 05/08/2012 0800			
EPA 6010 - ICP Metals										
5/10/2012	05/21/2012	20:02 654460	(EPA 6010)	Chromium Total ICAP	0.0018J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/17/2012	19:44 653575	(EPA 314.0)	Perchlorate	14000	ug/L	0.25	800	50	200
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/14/2012	05/14/2012	13:22 653112	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	4600	mg/L	4.2	10	4.2	1
<u>PC-115R (201205100337)</u>							Sampled on 05/08/2012 0803			
EPA 6010 - ICP Metals										
5/10/2012	05/21/2012	20:05 654460	(EPA 6010)	Chromium Total ICAP ^{13/20}	ND	mg/L	0.00044	0.02	0.00088	2

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

Rounding on totals after summation.

(c) - Indicates calculated results.

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Laboratory Data
Report: 396300

Environ International Corp.

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

Samples Received on:
05/09/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
EPA 314.0 - Perchlorate Sterile Filtered											
	05/17/2012	20:07	653575	(EPA 314.0)	Perchlorate	7800	ug/L	0.25	800	50	200
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/14/2012	05/14/2012	13:23	653112	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	3400	mg/L	4.2	10	4.2	1
<u>PC-116R (201205100338)</u>							Sampled on 05/08/2012 0803				
EPA 6010 - ICP Metals											
5/10/2012	05/21/2012	20:28	654460	(EPA 6010)	Chromium Total ICAP	ND	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered											
	05/17/2012	20:29	653575	(EPA 314.0)	Perchlorate	11000	ug/L	0.25	800	50	200
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/14/2012	05/14/2012	13:24	653112	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	4200	mg/L	4.2	10	4.2	1
<u>SF-1 (201205100339)</u>							Sampled on 05/08/2012 0816				
EPA 6010 - ICP Metals											
5/10/2012	05/21/2012	20:31	654460	(EPA 6010)	Chromium Total ICAP	0.0094J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered											
	05/17/2012	20:52	653575	(EPA 314.0)	Perchlorate	ND	ug/L	0.25	4	0.25	1
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/14/2012	05/14/2012	13:25	653112	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	5100	mg/L	4.2	10	4.2	1
<u>PC-117 (201205100340)</u>							Sampled on 05/08/2012 0735				
EPA 6010 - ICP Metals											
5/10/2012	05/21/2012	20:34	654460	(EPA 6010)	Chromium Total ICAP	0.00093J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered											
	05/17/2012	21:14	653575	(EPA 314.0)	Perchlorate	6300	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/14/2012	05/14/2012	13:26	653112	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	3400()	mg/L	4.2	10	4.2	1
<u>PC-118 (201205100341)</u>							Sampled on 05/08/2012 0742				
EPA 6010 - ICP Metals											
5/10/2012	05/21/2012	20:38	654460	(EPA 6010)	Chromium Total ICAP	ND	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered											
	05/17/2012	21:36	653575	(EPA 314.0)	Perchlorate	2000	ug/L	0.25	400	25	100

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14/20



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**Laboratory Data
Report: 396300**

Environ International Corp.

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

Samples Received on:
05/09/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/14/2012	05/14/2012	13:16 653112	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2400	mg/L	4.2	10	4.2	1
PC-119 (201205100342)							Sampled on 05/08/2012 0745			
EPA 6010 - ICP Metals										
5/10/2012	05/21/2012	20:41 654460	(EPA 6010)	Chromium Total ICAP	0.0020J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/17/2012	13:24 653575	(EPA 314.0)	Perchlorate	560	ug/L	0.25	200	12	50
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/14/2012	05/14/2012	22:05 653254	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2100	mg/L	4.2	10	4.2	1
PC-120 (201205100343)							Sampled on 05/08/2012 0749			
EPA 6010 - ICP Metals										
5/10/2012	05/21/2012	20:45 654460	(EPA 6010)	Chromium Total ICAP	0.0018J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/17/2012	13:46 653575	(EPA 314.0)	Perchlorate	150	ug/L	0.25	80	5.0	20
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/14/2012	05/14/2012	22:07 653254	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2100	mg/L	4.2	10	4.2	1
PC-121 (201205100344)							Sampled on 05/08/2012 0752			
EPA 6010 - ICP Metals										
5/10/2012	05/21/2012	20:48 654460	(EPA 6010)	Chromium Total ICAP	0.0010J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/17/2012	14:08 653575	(EPA 314.0)	Perchlorate	280	ug/L	0.25	80	5.0	20
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/14/2012	05/14/2012	22:08 653254	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2200	mg/L	4.2	10	4.2	1
PC-133 (201205100345)							Sampled on 05/08/2012 0756			
EPA 6010 - ICP Metals										
5/10/2012	05/21/2012	20:52 654460	(EPA 6010)	Chromium Total ICAP	ND	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/17/2012	14:31 653575	(EPA 314.0)	Perchlorate	630	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/14/2012	05/14/2012	22:09 653254	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2400	mg/L	4.2	10	4.2	1

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**Laboratory Data
Report: 396300**

Environ International Corp.

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

Samples Received on:
05/09/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
ART-9 (201205100346)							Sampled on 05/08/2012 0953				
EPA 6010 - ICP Metals											
5/10/2012	05/21/2012	20:55 654460	(EPA 6010)	Chromium Total ICAP	1.2	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
	05/17/2012	14:53 653575	(EPA 314.0)	Perchlorate	330000	ug/L	0.25	40000	2500	10000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/14/2012	05/14/2012	22:10 653254	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6900	mg/L	4.2	10	4.2	1	

Sample Quantitation Limit (SQL) = MDL * Dilution Factor.
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**Laboratory
QC Summary: 396300**

Environ International Corp.

QC Ref # 653112 - Total Dissolved Solids (TDS)

201205100329	ART-1
201205100330	ART-2
201205100331	ART-3
201205100332	ART-4
201205100333	ART-6
201205100334	ART-7
201205100335	ART-8
201205100336	PC-99R2/R3
201205100337	PC-115R
201205100338	PC-116R
201205100339	SF-1
201205100340	PC-117
201205100341	PC-118

Analysis Date: 05/14/2012

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

QC Ref # 653254 - Total Dissolved Solids (TDS)

201205100342	PC-119
201205100343	PC-120
201205100344	PC-121
201205100345	PC-133
201205100346	ART-9

Analysis Date: 05/14/2012

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

QC Ref # 653407 - Perchlorate

201205100329	ART-1
201205100330	ART-2
201205100331	ART-3

Analysis Date: 05/17/2012

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

QC Ref # 653575 - Perchlorate

201205100332	ART-4
201205100333	ART-6
201205100334	ART-7
201205100335	ART-8
201205100336	PC-99R2/R3
201205100337	PC-115R
201205100338	PC-116R
201205100339	SF-1
201205100340	PC-117
201205100341	PC-118
201205100342	PC-119
201205100343	PC-120
201205100344	PC-121
201205100345	PC-133
201205100346	ART-9

Analysis Date: 05/17/2012

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

QC Ref # 654460 - ICP Metals

201205100329	ART-1
201205100330	ART-2
201205100331	ART-3

Analysis Date: 05/21/2012

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



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Laboratory
QC Summary: 396300

Environ International Corp.

(continued)

201205100332	ART-4	Analyzed by: NINA
201205100333	ART-6	Analyzed by: NINA
201205100334	ART-7	Analyzed by: NINA
201205100335	ART-8	Analyzed by: NINA
201205100336	PC-99R2/R3	Analyzed by: NINA
201205100337	PC-115R	Analyzed by: NINA
201205100338	PC-116R	Analyzed by: NINA
201205100339	SF-1	Analyzed by: NINA
201205100340	PC-117	Analyzed by: NINA
201205100341	PC-118	Analyzed by: NINA
201205100342	PC-119	Analyzed by: NINA
201205100343	PC-120	Analyzed by: NINA
201205100344	PC-121	Analyzed by: NINA
201205100345	PC-133	Analyzed by: NINA
201205100346	ART-9	Analyzed by: NINA



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Laboratory QC
Report: 396300

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Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 653112 - Total Dissolved Solids (TDS) by E160.1/SM2540C					Analysis Date: 05/14/2012				
DUP_201205100070	Total Dissolved Solid (TDS)	200		220	mg/L		(0-20)	20	9.5
DUP_201205100341	Total Dissolved Solid (TDS)	2400		2450	mg/L		(0-20)	20	0.33
LCS1	Total Dissolved Solid (TDS)		175	178	mg/L	102	(80-114)		
LCS2	Total Dissolved Solid (TDS)		700	730	mg/L	104	(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# 653254 - Total Dissolved Solids (TDS) by E160.1/SM2540C					Analysis Date: 05/14/2012				
DUP_201205100667	Total Dissolved Solid (TDS)	1200		1210	mg/L		(0-20)	20	1.3
DUP_201205100342	Total Dissolved Solid (TDS)	2100		2110	mg/L		(0-20)	20	0.67
LCS1	Total Dissolved Solid (TDS)		175	186	mg/L	106	(80-114)		
LCS2	Total Dissolved Solid (TDS)		700	702	mg/L	100	(80-114)		
MBLK	Total Dissolved Solid (TDS)			<10	mg/L				
MRL_CHK	Total Dissolved Solid (TDS)		10	12.0	mg/L	120	(50-150)		
QC Ref# 653407 - Perchlorate by EPA 314.0					Analysis Date: 05/16/2012				
LCS1	Perchlorate		25	28.7	ug/L	115	(85-115)		
LCS2	Perchlorate		25	26.1	ug/L	105	(85-115)	15	9.5
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	4.33	ug/L	108	(75-125)		
MS_201205090650	Perchlorate	300000	25	570000	ug/L	106	(80-120)		
MSD_201205090650	Perchlorate	300000	25	547000	ug/L	97	(80-120)	15	4.1
QC Ref# 653575 - Perchlorate by EPA 314.0					Analysis Date: 05/17/2012				
LCS1	Perchlorate		25	27.4	ug/L	110	(85-115)		
LCS2	Perchlorate		25	28.7	ug/L	115	(85-115)	15	4.6
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	3.94	ug/L	98	(75-125)		
MS_201205100332	Perchlorate	410000	25	668000	ug/L	102	(80-120)		
MSD_201205100332	Perchlorate	410000	25	647000	ug/L	94	(80-120)	15	3.2
QC Ref# 654460 - ICP Metals by EPA 6010					Analysis Date: 05/21/2012				
LCS1	Chromium Total ICAP		1.0	1.06	mg/L	106	(85-115)		
LCS2	Chromium Total ICAP		1.0	1.07	mg/L	107	(85-115)	20	0.94
MBLK	Chromium Total ICAP			<0.01	mg/L				
MRL_CHK	Chromium Total ICAP		0.01	0.0116	mg/L	116	(50-150)		
MS_201205090664	Chromium Total ICAP	ND	1.0	0.984	mg/L	98	(70-130)		
MS2_201205090665	Chromium Total ICAP	0.24	1.0	1.23	mg/L	99	(70-130)		
MSD_201205090664	Chromium Total ICAP	ND	1.0	0.969	mg/L	97	(70-130)	20	1.5

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.

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).

(S) - Indicates surrogate compound.

(I) - Indicates internal standard compound.



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Laboratory QC
Report: 396300

Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MSD2_201205090665	Chromium Total ICAP	0.24	1.0	1.24	mg/L	100	(70-130)	20	0.81

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

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