



MWH

LABORATORIES

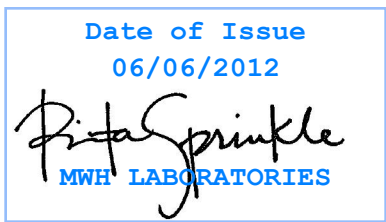
A Division of MWH Americas, Inc.

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: 396830
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

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 #: 396830
Project: CWA-RCRA
Sample Group: Quarterly CR6010 Testing
Project Manager: Rita S. Sprinkle
Phone: 916-418-8358

The following samples were received from you on **May 15, 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>201205160015</u>	M-64	05/14/2012 0600
	Chromium Total ICAP RCRA	Perchlorate PH (H3=past HT not compliant)
	Total Dissolved Solid (TDS)	
<u>201205160016</u>	M-135	05/14/2012 0625
	Chromium Total ICAP RCRA	Perchlorate PH (H3=past HT not compliant)
	Total Dissolved Solid (TDS)	
<u>201205160017</u>	M-134	05/14/2012 0741
	Chromium Total ICAP RCRA	Perchlorate PH (H3=past HT not compliant)
	Total Dissolved Solid (TDS)	
<u>201205160018</u>	I-N	05/14/2012 0800
	Chromium Total ICAP RCRA	Perchlorate PH (H3=past HT not compliant)
	Total Dissolved Solid (TDS)	
<u>201205160019</u>	I-K	05/14/2012 0815
	Chromium Total ICAP RCRA	Perchlorate PH (H3=past HT not compliant)
	Total Dissolved Solid (TDS)	
<u>201205160020</u>	I-J	05/14/2012 0820
	Chromium Total ICAP RCRA	Perchlorate PH (H3=past HT not compliant)
	Total Dissolved Solid (TDS)	
<u>201205160021</u>	I-Z	05/14/2012 0826
	Chromium Total ICAP RCRA	Perchlorate PH (H3=past HT not compliant)
	Total Dissolved Solid (TDS)	
<u>201205160022</u>	I-I	05/14/2012 0835
	Chromium Total ICAP RCRA	Perchlorate PH (H3=past HT not compliant)
	Total Dissolved Solid (TDS)	
<u>201205160023</u>	I-V	05/14/2012 0805
	Chromium Total ICAP RCRA	Perchlorate PH (H3=past HT not compliant)
	Total Dissolved Solid (TDS)	
<u>201205160024</u>	M-136	05/14/2012 0927
	Chromium Total ICAP RCRA	Perchlorate PH (H3=past HT not compliant)
	Total Dissolved Solid (TDS)	
<u>201205160025</u>	M-126	3/26 05/14/2012 0950



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Sample #	Sample ID	Sample Date
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201205160026</u>	MW-16	05/14/2012 1008
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201205160027</u>	M-81A	05/14/2012 1110
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201205160028</u>	M-80	05/14/2012 1127
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201205160029</u>	M-70	05/14/2012 1150
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201205160030</u>	M-71	05/14/2012 1208
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201205160031</u>	M-72	05/14/2012 1225
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201205160032</u>	M-68	05/14/2012 1242
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201205160033</u>	M-74	05/14/2012 1258
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201205160034</u>	M-133	05/14/2012 1350
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201205160035</u>	M-73	05/14/2012 1407



Acknowledgement of Samples Received

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Client ID: ENVIRON-NVTRUST
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Project: CWA-RCRA
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Sample #	Sample ID	Sample Date
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201205160036</u>	VD-1	05/14/2012 0800
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)

Test Description



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

396830

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: US/AS

SAMPLE TEMP, RECEIPT AT LAB: 3.4

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
 Location: Nevada Environmental Response Trust, 35 East Wacker Suite 1550, Chicago, IL 60608
 Sampler: Michele Brown
 REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	PH	TDS	CR	ClO4	Stenile ClO4	CRM	ClO3	NO3	SAMPLER Comments
600A	5-14-12		M-64	RGW	X		X	X	X	X	X				5 Bottles
625A	5-14-12		M-135	RGW	X		X	X	X	X	X				5 Bottles
641A	5-14-12		M-134	RGW	X		X	X	X	X	X				5 Bottles
800A	5-14-12		I-N	RGW	X		X	X	X	X	X				5 Bottles
815A	5-14-12		I-K	RGW	X		X	X	X	X	X				5 Bottles
830A	5-14-12		I-J	RGW	X		X	X	X	X	X				5 Bottles
845A	5-14-12		I-Z	RGW	X		X	X	X	X	X				5 Bottles
855A	5-14-12		I-I	RGW	X		X	X	X	X	X				5 Bottles
865A	5-14-12		I-Y	RGW	X		X	X	X	X	X				5 Bottles
937A	5-14-12		M-136	RGW	X		X	X	X	X	X				5 Bottles
950A	5-14-12		M-126	RGW	X		X	X	X	X	X				5 Bottles
1008A	5-14-12		MW-16	RGW	X		X	X	X	X	X				5 Bottles

* MATRIX TYPES:
 Reported by Volume: CFW = Chlor(om)inated Finished Water, FW = Other Finished Water
 Reported by Weight: SO = Soil, SL = Sludge
 RGW = Raw Ground Water, RSW = Raw Surface Water
 CW = Chlorinated Waste Water, WW = Other Waste Water, SW = Storm Water

REQUISITIONED BY: Michele Brown SIGNATURE
 RECEIVED BY: Joe Sanchez PRINT NAME
 COMPANY/TITLE: MWLA
 DATE: 5-14-12 TIME: 12:00PM
 RECEIVED BY: _____
 RECEIVED BY: _____



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

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

MVLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS/JS

SAMPLE TEMP, RECEIPT AT LAB: 2.4

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER: _____ (check for yes)

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	PH	CR	CL04	GRV	CL03	NO3	SAMPLER Comments
110A	5-14-12		M-81A	RGW	X		X	X	X				Bottles
112A	5-14-12		M-80	RGW	X		X	X	X				Bottles
1150A	5-14-12		M-70	RGW	X		X	X	X				Bottles
1200	5-14-12		M-71	RGW	X		X	X	X				Bottles
1230	5-14-12		M-72	RGW	X		X	X	X				Bottles
1242p	5-14-12		M-68	RGW	X		X	X	X				Bottles
1258p	5-14-12		M-74	RGW	X		X	X	X				Bottles
1500	5-14-12		M-133	RGW	X		X	X	X				Bottles
2070	5-14-12		M-73	RGW	X		X	X	X				Bottles
	5-14-12		VO-1	RGW	X		X	X	X				Bottles

* MATRIX TYPES: Reported by Volume: CFW = Chlor/Ampliated 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: Michele Brown SIGNATURE
 RECEIVED BY: Joe Sanchez SIGNATURE
 COMPANY/TITLE: Veolia Water for Nevada Environmental Response Trust
 DATE: 5-14-12
 TIME: 12:00PM



LABORATORIES

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

Kit #: 44428

Created AutoGenerated

Order Date: 02/06/2012

STG: Bottle Orders

Ship By:

01/22/2012

Ship Sample Kits to
Veolia Water-Tronox LLC
510 Fourth Street
Henderson, NV 89015

Attn: Wendy Prescott
Phone: 702-371-9307
Fax:

Rita Reeves is Your MWH Labs Project Manager

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

Client Code: ENVIRON-NVTRUST

Project Code: CWA-RCRA Bottle Orders

Group Name: Every 3 months - First\Monday

PO#JOB#:

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	Bottles - Qty for each sample, type & preservative if any	UN DOT #
Samples Tests		
101	Chromium Total ICAP RCRA	UN2031
15	CRVI 7196	
101	Perchlorate Sterile Filtered	
101	PH by EPA 9040	
101	Total Dissolved Solid (TDS)	

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

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

From: (702) 566-6001
Russell Speckin
Veolia Water NA West LLC
510 Fourth St.
Henderson, NV 89015

Origin ID: LASA



Ship Date: 14MAY12
ActWgt: 45.0 LB
CAD: 5135271/INET3250

Delivery Address Bar Code



SHIP TO: (626) 568-6400
Linda Geddes
Montgomery Watson Labs
750 Royal Oaks Drive suite 100
Monrovia, CA 91016

BILL SENDER

Ref # grabs, comps, quarterly
Invoice #
PO #
Dept #

4 of 6

TUE - 15 MAY A1
PRIORITY OVERNIGHT

MPS# 7983 9551 1501

0263

Mstr# 7983 9551 1626

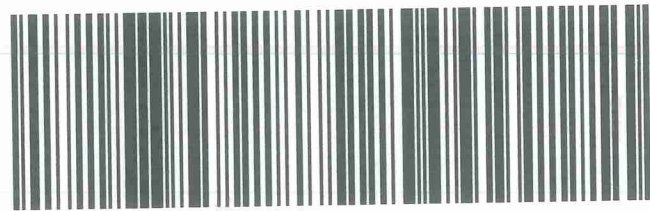
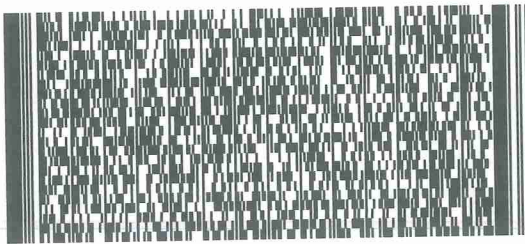
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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, 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.

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

Henderson, NV 89015

Origin ID: LASA



Ship Date: 14MAY12
ActWgt: 74.0 LB
CAD: 5135271/INET3250

Delivery Address Bar Code



SHIP TO: (626) 568-6400
Linda Geddes
Montgomery Watson Labs
750 Royal Oaks Drive suite 100

Monrovia, CA 91016

BILL SENDER

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Invoice #
PO #
Dept #

6 of 6

TUE - 15 MAY A1
PRIORITY OVERNIGHT

MPS# 7983 9551 1740

0263

Mstr# 7983 9551 1626

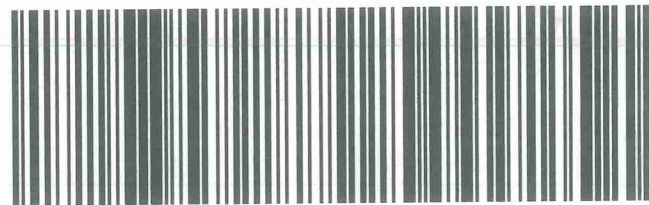
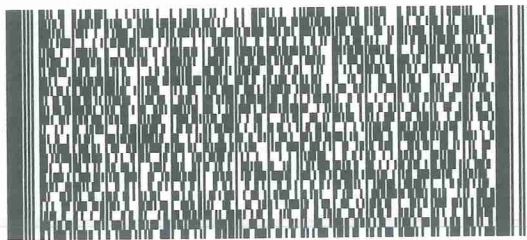
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From: (702) 566-6001
Russell Speckin
Veolia Water NA West LLC
510 Fourth St.

Origin ID: LASA

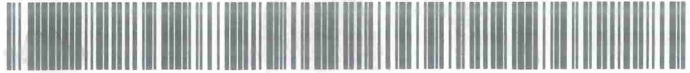


J12101112190225

Henderson, NV 89015

Ship Date: 14MAY12
ActWgt: 33.0 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 # grabs, comps, quarterly
Invoice #
PO #
Dept #

3 of 6

TUE - 15 MAY A1
PRIORITY OVERNIGHT

MPS# 7983 9551 1659

0263

Mstr# 7983 9551 1626

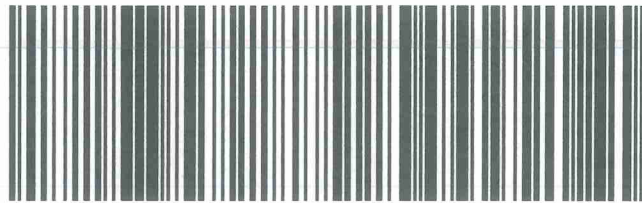
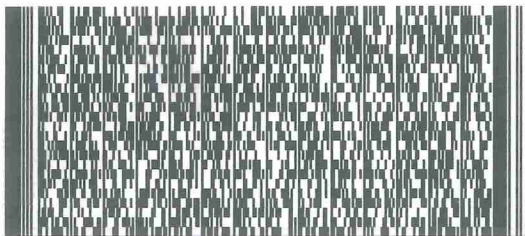
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512G3/61A4/A278

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Russell Speckin
Veolia Water NA West LLC
510 Fourth St.

Henderson, NV 89015

Origin ID: LASA



Ship Date: 14MAY12
ActWgt: 46.0 LB
CAD: 5135271/INET3250

Delivery Address Bar Code



SHIP TO: (626) 568-6400
Linda Geddes
Montgomery Watson Labs
750 Royal Oaks Drive suite 100

Monrovia, CA 91016

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Invoice #
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Dept #

5 of 6

TUE - 15 MAY A1
PRIORITY OVERNIGHT

MPS# 7983 9551 1730

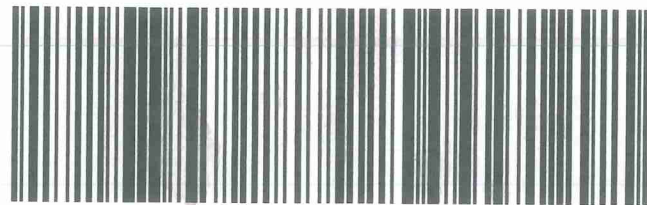
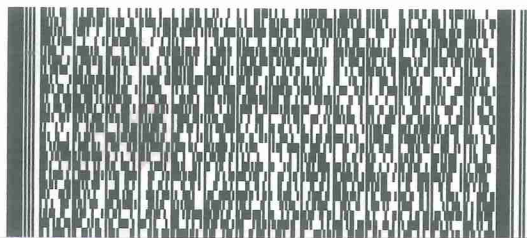
0263

Mstr# 7983 9551 1626

0201

91016
CA-US
BUR

QZ WHPA



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June 05, 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 15, 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 S. Sprinkle
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)

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

Laboratory Comments
Report: #396830



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: 396830

Environ International Corp.

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

Samples Received on:
05/15/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
<u>M-64 (201205160015)</u>							Sampled on 05/14/2012 0600				
EPA 6010 - ICP Metals											
5/16/2012	05/22/2012	1::05	654462	(EPA 6010)	Chromium Total ICAP	7.2	mg/L	0.00044	0.1	0.0044	10
EPA 314.0 - Perchlorate Sterile Filtered											
	05/22/2012	22:25	654680	(EPA 314.0)	Perchlorate	640000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/19/2012	05/21/2012	21:22	654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	7400	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/19/2012	17:31	654194	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1
<u>M-135 (201205160016)</u>							Sampled on 05/14/2012 0625				
EPA 6010 - ICP Metals											
5/16/2012	05/22/2012	1::09	654462	(EPA 6010)	Chromium Total ICAP	0.078	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered											
	05/22/2012	22:48	654680	(EPA 314.0)	Perchlorate	35000	ug/L	0.25	4000	250	1000
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/19/2012	05/21/2012	21:23	654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	3400	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/19/2012	17:48	654194	(EPA 9040)	PH (H3=past HT not compliant)	7.8	Units	0.10	0.1	0.10	1
<u>M-134 (201205160017)</u>							Sampled on 05/14/2012 0741				
EPA 6010 - ICP Metals											
5/16/2012	05/22/2012	15:19	654462	(EPA 6010)	Chromium Total ICAP	0.15	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered											
	05/22/2012	23:10	654680	(EPA 314.0)	Perchlorate	100000	ug/L	0.25	20000	1200	5000
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/19/2012	05/21/2012	21:20	654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2700	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/19/2012	17:56	654194	(EPA 9040)	PH (H3=past HT not compliant)	7.8	Units	0.10	0.1	0.10	1
<u>I-N (201205160018)</u>							Sampled on 05/14/2012 0800				
EPA 6010 - ICP Metals											



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05/15/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
5/16/2012	05/22/2012	15:44 654463	(EPA 6010)	Chromium Total ICAP	11	mg/L	0.00044	0.2	0.0088	20
EPA 314.0 - Perchlorate Sterile Filtered										
	05/22/2012	23:33 654680	(EPA 314.0)	Perchlorate	970000	ug/L	0.25	80000	5000	20000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:24 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	9300	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/19/2012	17:59 654194	(EPA 9040)	PH (H3=past HT not compliant)	7.3	Units	0.10	0.1	0.10	1
<u>I-K (201205160019)</u>							Sampled on 05/14/2012 0815			
EPA 6010 - ICP Metals										
5/16/2012	05/22/2012	15:52 654463	(EPA 6010)	Chromium Total ICAP	1.3	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/22/2012	23:55 654680	(EPA 314.0)	Perchlorate	120000	ug/L	0.25	20000	1200	5000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:25 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	5700	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/19/2012	18:03 654194	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1
<u>I-J (201205160020)</u>							Sampled on 05/14/2012 0820			
EPA 6010 - ICP Metals										
5/16/2012	05/22/2012	15:55 654463	(EPA 6010)	Chromium Total ICAP	2.9	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/23/2012	00:17 654680	(EPA 314.0)	Perchlorate	250000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:26 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6200	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/19/2012	18:07 654194	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1
<u>I-Z (201205160021)</u>							Sampled on 05/14/2012 0826			
EPA 6010 - ICP Metals										
5/16/2012	05/22/2012	15:57 654463	(EPA 6010)	Chromium Total ICAP	8.1	mg/L	0.00044	0.1	0.0044	10
EPA 314.0 - Perchlorate Sterile Filtered										
	05/23/2012	00:40 654680	(EPA 314.0)	Perchlorate	310000	ug/L	0.25	40000	2500	10000

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

Rounding on totals after summation.

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Samples Received on:
05/15/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:27 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6500	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/19/2012	18:11 654194	(EPA 9040)	PH (H3=past HT not compliant)	7.8	Units	0.10	0.1	0.10	1
<u>I-I (201205160022)</u>							Sampled on 05/14/2012 0835			
EPA 6010 - ICP Metals										
5/16/2012	05/22/2012	16:00 654463	(EPA 6010)	Chromium Total ICAP	13	mg/L	0.00044	0.2	0.0088	20
EPA 314.0 - Perchlorate Sterile Filtered										
	05/23/2012	01:02 654680	(EPA 314.0)	Perchlorate	720000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:28 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	9000	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/19/2012	18:15 654194	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1
<u>I-V (201205160023)</u>							Sampled on 05/14/2012 0805			
EPA 6010 - ICP Metals										
5/16/2012	05/22/2012	16:03 654463	(EPA 6010)	Chromium Total ICAP	17	mg/L	0.00044	0.2	0.0088	20
EPA 314.0 - Perchlorate Sterile Filtered										
	05/25/2012	01:33 655129	(EPA 314.0)	Perchlorate	1400000	ug/L	0.25	80000	5000	20000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:29 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	11000	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/19/2012	18:19 654194	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1
<u>M-136 (201205160024)</u>							Sampled on 05/14/2012 0927			
EPA 6010 - ICP Metals										
5/16/2012	05/22/2012	15:36 654463	(EPA 6010)	Chromium Total ICAP	0.073	mg/L	0.00044	0.01	0.00044	1
EPA 314.0 - Perchlorate Sterile Filtered										
	05/25/2012	01:55 655129	(EPA 314.0)	Perchlorate	92000	ug/L	0.25	20000	1200	5000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:31 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	1200	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										

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Phoenix, AZ 85016

Samples Received on:
05/15/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
	05/19/2012	18:23	654194	(EPA 9040)	PH (H3=past HT not compliant)	8.0	Units	0.10	0.1	0.10	1
<u>M-126 (201205160025)</u>							Sampled on 05/14/2012 0950				
EPA 6010 - ICP Metals											
5/16/2012	05/22/2012	16:06	654463	(EPA 6010)	Chromium Total ICAP	0.0088J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered											
	05/25/2012	02:18	655129	(EPA 314.0)	Perchlorate	980	ug/L	0.25	80	5.0	20
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/19/2012	05/21/2012	21:30	654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	13000	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/19/2012	18:27	654194	(EPA 9040)	PH (H3=past HT not compliant)	7.4	Units	0.10	0.1	0.10	1
<u>MW-16 (201205160026)</u>							Sampled on 05/14/2012 1008				
EPA 6010 - ICP Metals											
5/16/2012	05/22/2012	16:14	654463	(EPA 6010)	Chromium Total ICAP	0.0019J	mg/L	0.00044	0.01	0.00044	1
EPA 314.0 - Perchlorate Sterile Filtered											
	05/29/2012	23:23	655483	(EPA 314.0)	Perchlorate	840	ug/L	0.25	40	2.5	10
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/19/2012	05/21/2012	21:33	654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	9200	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/20/2012	11:41	654225	(EPA 9040)	PH (H3=past HT not compliant)	7.3	Units	0.10	0.1	0.10	1
<u>M-81A (201205160027)</u>							Sampled on 05/14/2012 1110				
EPA 6010 - ICP Metals											
5/16/2012	05/22/2012	16:09	654463	(EPA 6010)	Chromium Total ICAP	3.2	mg/L	0.00044	0.05	0.0022	5
EPA 314.0 - Perchlorate Sterile Filtered											
	05/25/2012	06:02	655135	(EPA 314.0)	Perchlorate	910000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/19/2012	05/21/2012	21:34	654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	5500	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/20/2012	11:51	654225	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1
<u>M-80 (201205160028)</u>							Sampled on 05/14/2012 1127				
EPA 6010 - ICP Metals											



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05/15/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
5/16/2012	05/22/2012	16:11 654463	(EPA 6010)	Chromium Total ICAP	0.098	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/25/2012	07:09 655135	(EPA 314.0)	Perchlorate	50000	ug/L	0.25	4000	250	1000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:35 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	1300	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/20/2012	11:55 654225	(EPA 9040)	PH (H3=past HT not compliant)	7.9	Units	0.10	0.1	0.10	1
<u>M-70 (201205160029)</u>							Sampled on 05/14/2012 1150			
EPA 6010 - ICP Metals										
5/16/2012	05/22/2012	16:30 654463	(EPA 6010)	Chromium Total ICAP	4.4	mg/L	0.00044	0.05	0.0022	5
EPA 314.0 - Perchlorate Sterile Filtered										
	05/25/2012	07:31 655135	(EPA 314.0)	Perchlorate	610000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:36 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	5500	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/20/2012	11:59 654225	(EPA 9040)	PH (H3=past HT not compliant)	7.8	Units	0.10	0.1	0.10	1
<u>M-71 (201205160030)</u>							Sampled on 05/14/2012 1208			
EPA 6010 - ICP Metals										
5/16/2012	05/22/2012	16:33 654463	(EPA 6010)	Chromium Total ICAP	3.7	mg/L	0.00044	0.05	0.0022	5
EPA 314.0 - Perchlorate Sterile Filtered										
	05/25/2012	07:54 655135	(EPA 314.0)	Perchlorate	510000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:37 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	5300	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/20/2012	12:03 654225	(EPA 9040)	PH (H3=past HT not compliant)	7.4	Units	0.10	0.1	0.10	1
<u>M-72 (201205160031)</u>							Sampled on 05/14/2012 1225			
EPA 6010 - ICP Metals										
5/16/2012	05/22/2012	16:36 654463	(EPA 6010)	Chromium Total ICAP	5.6	mg/L	0.00044	0.1	0.0044	10
EPA 314.0 - Perchlorate Sterile Filtered										
	05/25/2012	08:16 655135	(EPA 314.0)	Perchlorate	1300000	ug/L	0.25	80000	5000	20000

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05/15/2012

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E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:38 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	9700	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/20/2012	12:06 654225	(EPA 9040)	PH (H3=past HT not compliant)	7.3	Units	0.10	0.1	0.10	1
<u>M-68 (201205160032)</u>							Sampled on 05/14/2012 1242			
EPA 6010 - ICP Metals										
5/16/2012	05/22/2012	16:39 654463	(EPA 6010)	Chromium Total ICAP	1.3	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/25/2012	08:39 655135	(EPA 314.0)	Perchlorate	99000	ug/L	0.25	4000	250	1000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:39 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6800	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/20/2012	12:10 654225	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1
<u>M-74 (201205160033)</u>							Sampled on 05/14/2012 1258			
EPA 6010 - ICP Metals										
5/16/2012	05/22/2012	16:41 654463	(EPA 6010)	Chromium Total ICAP	0.96	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/25/2012	09:01 655135	(EPA 314.0)	Perchlorate	78000	ug/L	0.25	4000	250	1000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:40 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	5900	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/20/2012	12:14 654225	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1
<u>M-133 (201205160034)</u>							Sampled on 05/14/2012 1350			
EPA 6010 - ICP Metals										
5/16/2012	05/22/2012	16:44 654463	(EPA 6010)	Chromium Total ICAP	0.76	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/25/2012	09:23 655135	(EPA 314.0)	Perchlorate	28000	ug/L	0.25	4000	250	1000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/19/2012	05/21/2012	21:41 654422	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	4500 _(j)	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										

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Samples Received on:
05/15/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
	05/20/2012	12:18 654225	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1

M-73 (201205160035)

Sampled on 05/14/2012 1407

EPA 6010 - ICP Metals

5/16/2012	05/22/2012	16:47 654463	(EPA 6010)	Chromium Total ICAP	8.4	mg/L	0.00044	0.1	0.0044	10
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EPA 314.0 - Perchlorate Sterile Filtered

	05/25/2012	09:46 655135	(EPA 314.0)	Perchlorate	480000	ug/L	0.25	40000	2500	10000
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E160.1/SM2540C - Total Dissolved Solid (TDS)

5/19/2012	05/19/2012	19:20 654224	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	7300	mg/L	4.2	10	4.2	1
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EPA 9040 - PH by EPA 9040

	05/20/2012	12:22 654225	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1
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VD-1 (201205160036)

Sampled on 05/14/2012 0800

EPA 6010 - ICP Metals

5/16/2012	05/22/2012	16:49 654463	(EPA 6010)	Chromium Total ICAP	3.2	mg/L	0.00044	0.05	0.0022	5
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EPA 314.0 - Perchlorate Sterile Filtered

	05/25/2012	10:08 655135	(EPA 314.0)	Perchlorate	880000	ug/L	0.25	40000	2500	10000
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E160.1/SM2540C - Total Dissolved Solid (TDS)

5/19/2012	05/19/2012	19:21 654224	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	5800	mg/L	4.2	10	4.2	1
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EPA 9040 - PH by EPA 9040

	05/20/2012	12:50 654225	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1
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750 Royal Oak Dr., Suite 100
Monrovia, California, 91016-3629
Tel: 626 386 1100
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**Laboratory
QC Summary: 396830**

Environ International Corp.

QC Ref # 654194 - PH (H3=past HT not compliant)

201205160015	M-64
201205160016	M-135
201205160017	M-134
201205160018	I-N
201205160019	I-K
201205160020	I-J
201205160021	I-Z
201205160022	I-I
201205160023	I-V
201205160024	M-136
201205160025	M-126

Analysis Date: 05/19/2012

Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL

QC Ref # 654224 - Total Dissolved Solids (TDS)

201205160035	M-73
201205160036	VD-1

Analysis Date: 05/19/2012

Analyzed by: JRF
Analyzed by: JRF

QC Ref # 654225 - PH (H3=past HT not compliant)

201205160026	MW-16
201205160027	M-81A
201205160028	M-80
201205160029	M-70
201205160030	M-71
201205160031	M-72
201205160032	M-68
201205160033	M-74
201205160034	M-133
201205160035	M-73
201205160036	VD-1

Analysis Date: 05/20/2012

Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL
Analyzed by: SFL

QC Ref # 654422 - Total Dissolved Solids (TDS)

201205160015	M-64
201205160016	M-135
201205160017	M-134
201205160018	I-N
201205160019	I-K
201205160020	I-J
201205160021	I-Z
201205160022	I-I
201205160023	I-V
201205160024	M-136
201205160025	M-126
201205160026	MW-16
201205160027	M-81A
201205160028	M-80
201205160029	M-70
201205160030	M-71

Analysis Date: 05/21/2012

Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
Analyzed by: JRF
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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: 396830

Environ International Corp.

(continued)

Table with 3 columns: Sample ID, ID, and Analyst. Rows include 201205160031 (M-72, JRF), 201205160032 (M-68, JRF), 201205160033 (M-74, JRF), and 201205160034 (M-133, JRF).

QC Ref # 654462 - ICP Metals

Table with 3 columns: Sample ID, ID, and Analyst. Rows include 201205160015 (M-64, NINA), 201205160016 (M-135, NINA), and 201205160017 (M-134, NINA).

Analysis Date: 05/22/2012

QC Ref # 654463 - ICP Metals

Table with 3 columns: Sample ID, ID, and Analyst. Rows include 201205160018 (I-N, NINA) through 201205160036 (VD-1, NINA).

Analysis Date: 05/22/2012

QC Ref # 654680 - Perchlorate

Table with 3 columns: Sample ID, ID, and Analyst. Rows include 201205160015 (M-64, LUPE) through 201205160022 (I-I, LUPE).

Analysis Date: 05/22/2012

QC Ref # 655129 - Perchlorate

Table with 3 columns: Sample ID, ID, and Analyst. Rows include 201205160023 (I-V, LUPE), 201205160024 (M-136, LUPE), and 201205160025 (M-126, LUPE).

Analysis Date: 05/25/2012

QC Ref # 655135 - Perchlorate



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Fax: 626 386 1101
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**Laboratory
QC Summary: 396830**

Environ International Corp.

(continued)

201205160027	M-81A	Analyzed by: LUPE
201205160028	M-80	Analyzed by: LUPE
201205160029	M-70	Analyzed by: LUPE
201205160030	M-71	Analyzed by: LUPE
201205160031	M-72	Analyzed by: LUPE
201205160032	M-68	Analyzed by: LUPE
201205160033	M-74	Analyzed by: LUPE
201205160034	M-133	Analyzed by: LUPE
201205160035	M-73	Analyzed by: LUPE
201205160036	VD-1	Analyzed by: LUPE

QC Ref # 655483 - Perchlorate

201205160026 MW-16

Analysis Date: 05/29/2012

Analyzed by: LUPE



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Laboratory QC
Report: 396830

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 Monrovia, California, 91016-3629
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Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 654194 - PH (H3=past HT not compliant) by EPA 9040					Analysis Date: 05/19/2012				
DUP_201205120183	PH (H3=past HT not compliant)	7.4		7.42	Units		(0-20)	20	0.14
DUP_201205160016	PH (H3=past HT not compliant)	7.8		7.84	Units		(0-20)	20	0.64
LCS1	PH (H3=past HT not compliant)		6.0	6.01	Units	100	(98-102)		
LCS2	PH (H3=past HT not compliant)		6.0	6.01	Units	100	(98-102)	20	0.0
QC Ref# 654224 - Total Dissolved Solids (TDS) by E160.1/SM2540C					Analysis Date: 05/19/2012				
DUP_201205180336	Total Dissolved Solid (TDS)	360		370	mg/L		(0-20)	20	1.6
DUP_201205150230	Total Dissolved Solid (TDS)	700		698	mg/L		(0-20)	20	0.86
LCS1	Total Dissolved Solid (TDS)		175	180	mg/L	103	(80-114)		
LCS2	Total Dissolved Solid (TDS)		700	708	mg/L	101	(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# 654225 - PH (H3=past HT not compliant) by EPA 9040					Analysis Date: 05/20/2012				
DUP_201205160026	PH (H3=past HT not compliant)	7.3		7.34	Units		(0-20)	20	0.41
DUP_201205160036	PH (H3=past HT not compliant)	7.5		7.52	Units		(0-20)	20	0.27
LCS1	PH (H3=past HT not compliant)		6.0	6.00	Units	100	(98-102)		
LCS2	PH (H3=past HT not compliant)		6.0	6.00	Units	100	(98-102)	20	0.0
QC Ref# 654422 - Total Dissolved Solids (TDS) by E160.1/SM2540C					Analysis Date: 05/21/2012				
DUP_201205160017	Total Dissolved Solid (TDS)	2700		2670	mg/L		(0-20)	20	1.3
DUP_201205160024	Total Dissolved Solid (TDS)	1200		1250	mg/L		(0-20)	20	2.3
LCS1	Total Dissolved Solid (TDS)		175	176	mg/L	101	(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# 654462 - ICP Metals by EPA 6010					Analysis Date: 05/21/2012				
LCS1	Chromium Total ICAP		1.0	1.03	mg/L	103	(85-115)		
LCS2	Chromium Total ICAP		1.0	1.06	mg/L	106	(85-115)	20	2.9
MBLK	Chromium Total ICAP			<0.01	mg/L				
MRL_CHK	Chromium Total ICAP		0.01	0.0121	mg/L	121	(50-150)		
MS_201205120172	Chromium Total ICAP	0.67	1.0	1.63	mg/L	96	(70-130)		
MS2_201205120176	Chromium Total ICAP	ND	1.0	0.993	mg/L	99	(70-130)		
MSD_201205120172	Chromium Total ICAP	0.67	1.0	1.67	mg/L	100	(70-130)	20	2.4
MSD2_201205120176	Chromium Total ICAP	ND	1.0	0.960	mg/L	96	(70-130)	20	3.4
QC Ref# 654463 - ICP Metals by EPA 6010					Analysis Date: 05/22/2012				
LCS1	Chromium Total ICAP		1.0	1.04	mg/L	104	(85-115)		
LCS2	Chromium Total ICAP		1.0	1.05	mg/L	105	(85-115)	20	0.96

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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1 800 566 LABS (1 800 566 5227)

Laboratory QC
Report: 396830

Environ International Corp.

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	0.0109	mg/L	109	(50-150)		
MS_201205160024	Chromium Total ICAP	0.073	1.0	1.05	mg/L	98	(70-130)		
MS2_201205160026	Chromium Total ICAP	ND	1.0	0.958	mg/L	96	(70-130)		
MSD_201205160024	Chromium Total ICAP	0.073	1.0	1.05	mg/L	98	(70-130)	20	0.0
MSD2_201205160026	Chromium Total ICAP	ND	1.0	0.966	mg/L	96	(70-130)	20	0.83
QC Ref# 654680 - Perchlorate by EPA 314.0						Analysis Date: 05/22/2012			
LCS1	Perchlorate		25	24.7	ug/L	99	(85-115)		
LCS2	Perchlorate		25	24.4	ug/L	98	(85-115)	15	1.2
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	3.23	ug/L	81	(75-125)		
MS_201205150496	Perchlorate	ND	25	46.8	ug/L	94	(80-120)		
MSD_201205150496	Perchlorate	ND	25	50.4	ug/L	101	(80-120)	15	7.4
QC Ref# 655129 - Perchlorate by EPA 314.0						Analysis Date: 05/24/2012			
LCS1	Perchlorate		25	26.6	ug/L	106	(85-115)		
LCS2	Perchlorate		25	24.7	ug/L	99	(85-115)	15	7.4
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	3.93	ug/L	98	(75-125)		
MS_201205150001	Perchlorate	ND	25	29.3	ug/L	117	(80-120)		
MSD_201205150001	Perchlorate	ND	25	28.2	ug/L	113	(80-120)	15	3.8
QC Ref# 655135 - Perchlorate by EPA 314.0						Analysis Date: 05/25/2012			
LCS1	Perchlorate		25	27.4	ug/L	109	(85-115)		
LCS2	Perchlorate		25	25.8	ug/L	103	(85-115)	15	6.0
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	3.65	ug/L	91	(75-125)		
MS_201205160027	Perchlorate	910000	25	0	ug/L	91	(80-120)		
MSD_201205160027	Perchlorate	910000	25	0	ug/L	94	(80-120)	15	0.0
QC Ref# 655483 - Perchlorate by EPA 314.0						Analysis Date: 05/29/2012			
LCS1	Perchlorate		25	27.1	ug/L	108	(85-115)		
LCS2	Perchlorate		25	27.6	ug/L	110	(85-115)	15	1.8
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	3.38	ug/L	85	(75-125)		
MS_201205170315	Perchlorate	ND	25	29.3	ug/L	117	(80-120)		
MSD_201205170315	Perchlorate	ND	25	28.5	ug/L	114	(80-120)	15	2.8

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.