



MWH

LABORATORIES

A Division of MWH Americas, Inc.

750 Royal Oaks 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: 397866
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 #: 397866
 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 24, 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>201205250212</u>	PC-145	05/23/2012 0702
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
<u>201205250213</u>	PC-68	05/23/2012 0626
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	Total Dissolved Solid (TDS)
<u>201205250214</u>	PC-62	05/23/2012 0605
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	Total Dissolved Solid (TDS)
<u>201205250215</u>	ART-7B	05/23/2012 0744
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	Total Dissolved Solid (TDS)
<u>201205250216</u>	PC-122	05/23/2012 0758
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	Total Dissolved Solid (TDS)
<u>201205250217</u>	PC-53	05/23/2012 0812
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	Total Dissolved Solid (TDS)
<u>201205250218</u>	MW-K5	05/23/2012 0832
	Chlorate by EPA 9056	Chromium Total ICAP RCRA
	Nitrate by EPA 9056	Perchlorate
		Nitrate as NO3 (calc)
		Total Dissolved Solid (TDS)
<u>201205250219</u>	ARP-7	05/23/2012 0850
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	Total Dissolved Solid (TDS)
<u>201205250220</u>	ARP-6B	05/23/2012 0904
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	Total Dissolved Solid (TDS)
<u>201205250221</u>	ARP-5A	05/23/2012 0917
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	Total Dissolved Solid (TDS)
<u>201205250222</u>	ARP-4A	05/23/2012 0931
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	Total Dissolved Solid (TDS)
<u>201205250223</u>	ARP-3A	05/23/2012 1005
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	Total Dissolved Solid (TDS)
<u>201205250224</u>	ARP-2A	05/23/2012 1027



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 #: 397866
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 24, 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>201205250225</u>	PC-55	05/23/2012 1150
	Chromium Total ICAP RCRA Perchlorate Total Dissolved Solid (TDS)	

Test Description



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

297866

MWLABS USE ONLY:

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

SAMPLES CHECKED/LOGGED IN BY: JS/JS

SAMPLE TEMP, RECEIPT AT LAB: 13.4

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

Quaterly Groundwater Sampling

Nevada Environmental Response Trust

Sampler: Michele Brown

Nevada Environmental Response Trust

35 East Wacker Suite 1550

Chicago, IL 60606

Schedule B CWA-RCRA

John Pekala 602-734-7710

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	PH	TDS	CR	ClO4	Sterile ClO4	ClO3	NO3	SAMPLER Comments
7:02a	5/23/2012		PC-145	RGW	X		X	X	X	X				5 Bottles
6:26a	5/23/2012		PC-68	RGW	X		X	X	X	X				4 Bottles
6:05a	5/23/2012		PC-62	RGW	X		X	X	X	X				4 Bottles
7:44a	5/23/2012		ART-7B	RGW	X		X	X	X	X				4 Bottles
7:58a	5/23/2012		PC-122	RGW	X		X	X	X	X				4 Bottles
8:12a	5/23/2012		PC-53	RGW	X		X	X	X	X				4 Bottles
8:32a	5/23/2012		MW-k5	RGW	X		X	X	X	X				4 Bottles
8:50a	5/23/2012		ARP-7	RGW	X		X	X	X	X				4 Bottles
9:04a	5/23/2012		ARP-6A	RGW	X		X	X	X	X				4 Bottles
9:17a	5/23/2012		ARP-5A	RGW	X		X	X	X	X				4 Bottles
9:31a	5/23/2012		ARP-4A	RGW	X		X	X	X	X				4 Bottles
10:05a	5/23/2012		ARP-3A	RGW	X		X	X	X	X				4 Bottles

* MATRIX TYPES:

Reported by Volume:

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

Reported by Weight:

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

SO = Soil
SL = Sludge

SIGNATURE

Michele Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water for Nevada Environmental Response Trust

DATE

5/23/2012

TIME

12:00PM

RELINQUISHED BY:

Michele Brown

RECEIVED BY:

Joe Sanchez

RELINQUISHED BY:

Joe Sanchez

RECEIVED BY:

Joe Sanchez

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

Origin ID: LASA



Henderson, NV 89015

Ship Date: 23MAY12
ActWgt: 31.0 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 # CBOD Quarterly
Invoice #
PO #
Dept #

2 of 3

THU - 24 MAY A1
STANDARD OVERNIGHT

MPS# 7984 3060 2722

0263

Mstr# 7984 3060 2608

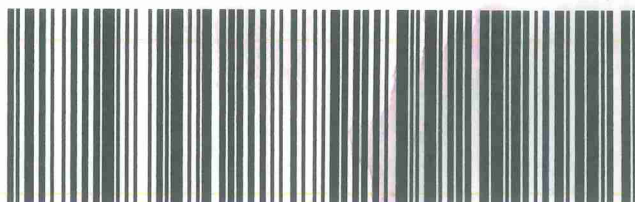
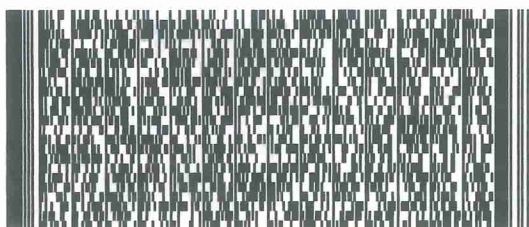
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QZ WHPA



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 Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

June 26, 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 24, 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:

Report revised 6/26 per KS - sample ID was listed incorrectly on COC for 201205250220. ID has been changed from ARP-6A to ARP-6B.

Other Observations:

There were no unusual observations on this sample set.

Sincerely,



Rita S. Sprinkle
Project Manager



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

Laboratory Comments
Report: 397866

Folder Comments

Report revised 6/26 per KS - sample ID was listed incorrectly on COC for 201205250220. ID has been changed from ARP-6A to ARP-6B.



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Laboratory Data
Report: 397866

Environ International Corp.

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

Samples Received on:
05/24/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
PC-145 (201205250212)							Sampled on 05/23/2012 0702				
EPA 6010 - ICP Metals											
5/29/2012	06/18/2012	17:47 658866	(EPA 6010)	Chromium Total ICAP	0.60	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
	06/07/2012	15:39 657227	(EPA 314.0)	Perchlorate	120000	ug/L	0.25	20000	1200	5000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/29/2012	05/29/2012	23:07 655688	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	8600	mg/L	4.2	10	4.2	1	
EPA 9040 - PH by EPA 9040											
	06/10/2012	17:22 657438	(EPA 9040)	PH (H3=past HT not compliant)	7.6	Units	0.10	0.1	0.10	1	
PC-68 (201205250213)							Sampled on 05/23/2012 0626				
EPA 6010 - ICP Metals											
5/29/2012	06/18/2012	17:59 658866	(EPA 6010)	Chromium Total ICAP	ND	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
	06/06/2012	19:07 656993	(EPA 314.0)	Perchlorate	ND	ug/L	0.25	4	0.25	1	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/29/2012	05/29/2012	23:05 655688	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2000	mg/L	4.2	10	4.2	1	
PC-62 (201205250214)							Sampled on 05/23/2012 0605				
EPA 6010 - ICP Metals											
5/29/2012	06/18/2012	18:12 658866	(EPA 6010)	Chromium Total ICAP	0.0022J	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
	06/06/2012	19:29 656993	(EPA 314.0)	Perchlorate	81	ug/L	0.25	40	2.5	10	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/29/2012	05/29/2012	23:16 655688	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	1900	mg/L	4.2	10	4.2	1	
ART-7B (201205250215)							Sampled on 05/23/2012 0744				
EPA 6010 - ICP Metals											
5/29/2012	06/18/2012	18:16 658866	(EPA 6010)	Chromium Total ICAP	1.2	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
	06/06/2012	19:52 656993	(EPA 314.0)	Perchlorate	270000	ug/L	0.25	40000	2500	10000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											

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

Rounding on totals after summation.

(c) - Indicates calculated results.

J - The analyte was either detected at or greater than the SQL and less than the MRL, or did not meet any one of the required QC criteria.



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Laboratory Data
Report: 397866

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Phoenix, AZ 85016

Samples Received on:
05/24/2012

Table with 11 columns: Prepared, Analyzed, QC Ref #, Method, Analyte, Result, Units, MDL, MRL, SQL, Dilution. Row 1: 5/29/2012, 05/29/2012, 23:08, 655688, (E160.1/SM2540C), Total Dissolved Solids (TDS), 7700, mg/L, 4.2, 10, 4.2, 1

PC-122 (201205250216)

Sampled on 05/23/2012 0758

EPA 6010 - ICP Metals

Table row: 5/29/2012, 06/18/2012, 18:19, 658866, (EPA 6010), Chromium Total ICAP, 0.18, mg/L, 0.00044, 0.02, 0.00088, 2

EPA 314.0 - Perchlorate Sterile Filtered

Table row: 06/06/2012, 20:14, 656993, (EPA 314.0), Perchlorate, 23000, ug/L, 0.25, 4000, 250, 1000

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

Table row: 5/29/2012, 05/29/2012, 23:09, 655688, (E160.1/SM2540C), Total Dissolved Solids (TDS), 9700, mg/L, 4.2, 10, 4.2, 1

PC-53 (201205250217)

Sampled on 05/23/2012 0812

EPA 6010 - ICP Metals

Table row: 5/29/2012, 06/18/2012, 18:23, 658866, (EPA 6010), Chromium Total ICAP, 0.051, mg/L, 0.00044, 0.02, 0.00088, 2

EPA 314.0 - Perchlorate Sterile Filtered

Table row: 06/06/2012, 20:36, 656993, (EPA 314.0), Perchlorate, 3600, ug/L, 0.25, 400, 25, 100

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

Table row: 5/29/2012, 05/29/2012, 23:10, 655688, (E160.1/SM2540C), Total Dissolved Solids (TDS), 5100, mg/L, 4.2, 10, 4.2, 1

MW-K5 (201205250218)

Sampled on 05/23/2012 0832

EPA 6010 - ICP Metals

Table row: 5/29/2012, 06/18/2012, 18:26, 658866, (EPA 6010), Chromium Total ICAP, 0.053, mg/L, 0.00044, 0.02, 0.00088, 2

EPA 9056 - Nitrate, Nitrite by EPA 300.0

Table row: 05/24/2012, 15:29, 655351, (EPA 9056), Nitrate as Nitrogen by IC, 13, mg/L, 0.0050, 2.5, 0.12, 25

Table row: 05/24/2012, 15:29, 655351, (EPA 300.0), Nitrate as NO3 (calc), 58, mg/L, 0.022, 11, 0.55, 25

EPA 9056 - Disinfection ByProducts by 300.0

Table row: 06/07/2012, 01:25, 656577, (EPA 9056), Chlorate by IC, 78000, ug/L, 1.3, 10000, 1300, 1000

EPA 314.0 - Perchlorate Sterile Filtered

Table row: 06/06/2012, 21:21, 656993, (EPA 314.0), Perchlorate, 23000, ug/L, 0.25, 2000, 120, 500

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

Table row: 5/29/2012, 05/29/2012, 23:11, 655688, (E160.1/SM2540C), Total Dissolved Solids (TDS), 7000, mg/L, 4.2, 10, 4.2, 1

ARP-7 (201205250219)

Sampled on 05/23/2012 0850

EPA 6010 - ICP Metals

Table row: 5/29/2012, 06/18/2012, 17:50, 658866, (EPA 6010), Chromium Total ICAP, 0.036, mg/L, 0.00044, 0.01, 0.00044, 1

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

Rounding on totals after summation.

(c) - Indicates calculated results.

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Laboratory Data
Report: 397866

Environ International Corp.

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

Samples Received on:
05/24/2012

Table with columns: Prepared, Analyzed, QC Ref #, Method, Analyte, Result, Units, MDL, MRL, SQL, Dilution. Contains multiple rows for different analytes and methods, including EPA 314.0, EPA 6010, and E160.1/SM2540C.

Sample Quantitation Limit (SQL) = MDL * Dilution Factor.
Rounding on totals after summation.
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Phoenix, AZ 85016

Samples Received on:
05/24/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/29/2012	05/29/2012	23:18 655688	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	8000	mg/L	4.2	10	4.2	1
ARP-2A (201205250224)							Sampled on 05/23/2012 1027			
EPA 6010 - ICP Metals										
5/29/2012	06/18/2012	19:24 658867	(EPA 6010)	Chromium Total ICAP	0.012J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	06/06/2012	23:36 656993	(EPA 314.0)	Perchlorate	6500	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/29/2012	05/29/2012	23:19 655688	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6300	mg/L	4.2	10	4.2	1
PC-55 (201205250225)							Sampled on 05/23/2012 1150			
EPA 6010 - ICP Metals										
5/29/2012	06/18/2012	19:37 658867	(EPA 6010)	Chromium Total ICAP	0.0028J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	06/06/2012	23:58 656993	(EPA 314.0)	Perchlorate	1500	ug/L	0.25	80	5.0	20
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/29/2012	05/29/2012	23:20 655688	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	7400	mg/L	4.2	10	4.2	1

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

Rounding on totals after summation.

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**Laboratory
QC Summary: 397866**

Environ International Corp.

QC Ref # 655351 - Nitrate, Nitrite by EPA 300.0

201205250218 MW-K5

Analysis Date: 05/24/2012

Analyzed by: CYP

QC Ref # 655688 - Total Dissolved Solids (TDS)

201205250212 PC-145
201205250213 PC-68
201205250214 PC-62
201205250215 ART-7B
201205250216 PC-122
201205250217 PC-53
201205250218 MW-K5
201205250219 ARP-7
201205250220 ARP-6B
201205250221 ARP-5A
201205250222 ARP-4A
201205250223 ARP-3A
201205250224 ARP-2A
201205250225 PC-55

Analysis Date: 05/29/2012

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

QC Ref # 656577 - Disinfection ByProducts by 300.0

201205250218 MW-K5

Analysis Date: 06/07/2012

Analyzed by: LUPE

QC Ref # 656993 - Perchlorate

201205250213 PC-68
201205250214 PC-62
201205250215 ART-7B
201205250216 PC-122
201205250217 PC-53
201205250218 MW-K5
201205250219 ARP-7
201205250220 ARP-6B
201205250221 ARP-5A
201205250222 ARP-4A
201205250223 ARP-3A
201205250224 ARP-2A
201205250225 PC-55

Analysis Date: 06/06/2012

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

QC Ref # 657227 - Perchlorate

201205250212 PC-145

Analysis Date: 06/07/2012

Analyzed by: LUPE

QC Ref # 657438 - PH (H3=past HT not compliant)

201205250212 PC-145

Analysis Date: 06/10/2012

Analyzed by: SFL

QC Ref # 658866 - ICP Metals

201205250212 PC-145
201205250213 PC-68
201205250214 PC-62
201205250215 ART-7B

Analysis Date: 06/18/2012

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



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Laboratory
QC Summary: 397866

Environ International Corp.

(continued)

201205250216	PC-122	Analyzed by: NINA
201205250217	PC-53	Analyzed by: NINA
201205250218	MW-K5	Analyzed by: NINA
201205250219	ARP-7	Analyzed by: NINA
201205250220	ARP-6B	Analyzed by: NINA
201205250221	ARP-5A	Analyzed by: NINA
201205250222	ARP-4A	Analyzed by: NINA

QC Ref # 658867 - ICP Metals

Analysis Date: 06/18/2012

201205250223	ARP-3A	Analyzed by: NINA
201205250224	ARP-2A	Analyzed by: NINA
201205250225	PC-55	Analyzed by: NINA



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Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 655351 - Nitrate, Nitrite by EPA 300.0 by EPA 300.0						Analysis Date: 05/24/2012			
LCS1	Nitrate as Nitrogen by IC		2.5	2.63	mg/L	105	(90-110)		
LCS2	Nitrate as Nitrogen by IC		2.5	2.6	mg/L	104	(90-110)	20	1.1
MBLK	Nitrate as Nitrogen by IC			<0.10	mg/L				
MRL_CHK	Nitrate as Nitrogen by IC		0.05	0.0543	mg/L	109	(50-150)		
MRLLW	Nitrate as Nitrogen by IC		0.013	0.0143	mg/L	114	(50-150)		
MS_201205240312	Nitrate as Nitrogen by IC	0.24	1.3	1.55	mg/L	105	(80-120)		
MS_201205240457	Nitrate as Nitrogen by IC	0.53	1.3	1.84	mg/L	105	(80-120)		
MSD_201205240457	Nitrate as Nitrogen by IC	0.53	1.3	1.85	mg/L	106	(80-120)	20	0.54
MSD_201205240312	Nitrate as Nitrogen by IC	0.24	1.3	1.54	mg/L	104	(80-120)	20	0.65
QC Ref# 655688 - Total Dissolved Solids (TDS) by E160.1/SM2540C						Analysis Date: 05/29/2012			
DUP_201205250213	Total Dissolved Solid (TDS)	2000		1990	mg/L		(0-20)	20	0.81
DUP_201205250214	Total Dissolved Solid (TDS)	1900		1870	mg/L		(0-20)	20	0.0
LCS1	Total Dissolved Solid (TDS)		175	166	mg/L	95	(80-114)		
LCS2	Total Dissolved Solid (TDS)		700	706	mg/L	101	(80-114)		
MBLK	Total Dissolved Solid (TDS)			<10	mg/L				
MRL_CHK	Total Dissolved Solid (TDS)		10	10.0	mg/L	100	(50-150)		
QC Ref# 656577 - Disinfection ByProducts by 300.0 by EPA 9056						Analysis Date: 06/06/2012			
LCS1	Chlorate by IC		200	198	ug/L	99	(90-110)		
LCS2	Chlorate by IC		200	203	ug/L	101	(90-110)	20	2.5
MBLK	Chlorate by IC			<10	ug/L				
MRL_CHK	Chlorate by IC		10	8.51	ug/L	85	(75-125)		
MSD_201205230087	Chlorate by IC	240000	100	338000	ug/L	102	(80-120)	15	<u>200</u>
QC Ref# 656993 - Perchlorate by EPA 314.0						Analysis Date: 06/06/2012			
LCS1	Perchlorate		25	27.3	ug/L	109	(85-115)		
LCS2	Perchlorate		25	27.4	ug/L	110	(85-115)	15	0.37
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	4.39	ug/L	110	(75-125)		
MS_201206050214	Perchlorate	ND	25	29.6	ug/L	118	(80-120)		
MSD_201206050214	Perchlorate	ND	25	28.7	ug/L	115	(80-120)	15	3.1
QC Ref# 657227 - Perchlorate by EPA 314.0						Analysis Date: 06/07/2012			
LCS1	Perchlorate		25	28.4	ug/L	114	(85-115)		
LCS2	Perchlorate		25	27.3	ug/L	109	(85-115)	15	4.0
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	4.72	ug/L	118	(75-125)		
MS_201205250212	Perchlorate	120000	25	269000	ug/L	118	(80-120)		

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: 397866

Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MSD_201205250212	Perchlorate	120000	25	272000	ug/L	119	(80-120)	15	1.1
QC Ref# 657438 - PH (H3=past HT not compliant) by EPA 9040						Analysis Date: 06/10/2012			
DUP_201205240137	PH (H3=past HT not compliant)			7.72	Units		(0-20)	20	0.39
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# 658866 - ICP Metals by EPA 6010						Analysis Date: 06/18/2012			
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_201205240134	Chromium Total ICAP	ND	1.0	0.990	mg/L	99	(70-130)		
MS2_201205250219	Chromium Total ICAP	0.036	1.0	1.03	mg/L	99	(70-130)		
MSD_201205240134	Chromium Total ICAP	ND	1.0	1.01	mg/L	101	(70-130)	20	2.0
MSD2_201205250219	Chromium Total ICAP	0.036	1.0	0.982	mg/L	95	(70-130)	20	4.8
QC Ref# 658867 - ICP Metals by EPA 6010						Analysis Date: 06/18/2012			
LCS1	Chromium Total ICAP		1.0	1.06	mg/L	106	(85-115)		
LCS2	Chromium Total ICAP		1.0	1.03	mg/L	103	(85-115)	20	2.9
MBLK	Chromium Total ICAP			<0.01	mg/L				
MRL_CHK	Chromium Total ICAP		0.01	0.0120	mg/L	120	(50-150)		
MS_201205250277	Chromium Total ICAP	ND	1.0	1.02	mg/L	102	(70-130)		
MS2_201205250279	Chromium Total ICAP	0.021	1.0	1.01	mg/L	99	(70-130)		
MSD_201205250277	Chromium Total ICAP	ND	1.0	1.02	mg/L	102	(70-130)	20	0.0
MSD2_201205250279	Chromium Total ICAP	0.021	1.0	1.06	mg/L	104	(70-130)	20	4.8

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.