



MWH

LABORATORIES

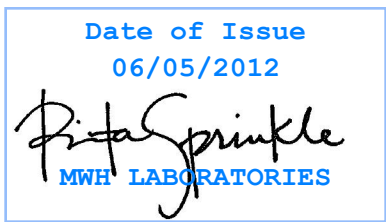
A Division of MWH Americas, Inc.

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: 396070
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 #: 396070
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 08, 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
201205090034	PC-123	05/07/2012 0615
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
201205090035	PC-124	05/07/2012 0638
	Chlorate by EPA 9056	Chromium Total ICAP RCRA
	Nitrate by EPA 9056	Perchlorate
	Total Dissolved Solid (TDS)	Nitrate as NO3 (calc) PH (H3=past HT not compliant)
201205090036	PC-125	05/07/2012 0658
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
201205090037	PC-126	05/07/2012 0715
	Chlorate by EPA 9056	Chromium Total ICAP RCRA
	Nitrate by EPA 9056	Perchlorate
	Total Dissolved Solid (TDS)	Nitrate as NO3 (calc) PH (H3=past HT not compliant)
201205090038	PC-24	05/07/2012 0738
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
201205090039	PC-127	05/07/2012 0755
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
201205090040	PC-129	05/07/2012 0815
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
201205090041	PC-130	05/07/2012 0840
	Chlorate by EPA 9056	Chromium Total ICAP RCRA
	Nitrate by EPA 9056	Perchlorate
	Total Dissolved Solid (TDS)	Nitrate as NO3 (calc) PH (H3=past HT not compliant)
201205090042	PC-50	05/07/2012 0900
	Chromium Total ICAP RCRA	Perchlorate
	Total Dissolved Solid (TDS)	PH (H3=past HT not compliant)
201205090043	PC-131	05/07/2012 0920



Acknowledgement of Samples Received

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Attn: John M. Pekala, P.G.
Phone: 602.734.7710

Client ID: ENVIRON-NVTRUST
Folder #: 396070
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 08, 2012**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample #	Sample ID	Sample Date
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)
<u>201205090044</u>	PC-132	05/07/2012 0942
	Chlorate by EPA 9056 Nitrate by EPA 9056 Total Dissolved Solid (TDS)	Chromium Total ICAP RCRA Perchlorate Nitrate as NO3 (calc) PH (H3=past HT not compliant)
<u>201205090045</u>	PC-82	05/07/2012 1145
	Chlorate by EPA 9056 Perchlorate	Nitrate as NO3 (calc) PH (H3=past HT not compliant) Nitrate by EPA 9056 Total Dissolved Solid (TDS)
<u>201205090046</u>	PC-79	05/07/2012 1208
	Chromium Total ICAP RCRA Total Dissolved Solid (TDS)	Perchlorate PH (H3=past HT not compliant)

Test Description



396067

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

MWLABS USE ONLY:
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS/JS

SAMPLE TEMP, RECEIPT AT LAB: 54

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: Nevada Environmental Response Trust
 PROJECT JOB # / P.O.#: Quarterly Groundwater Sampling
 Schedule B CWA-RCRA
 Sampler: Michele Brown
 Location: Nevada Environmental Response Trust
 35 East Wacker Suite 1550
 Chicago, IL 60606
 IDENTIFIER, STATE ID#

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	GR	CLO4	Sterile CLO4	CRVI	CLO3	NO3	SAMPLER Comments
615A	5-7-12		PC-123	RGW	X		X	X	X	X	X				5 Bottles
638A	5-7-12		PC-124	RGW	X		X	X	X	X	X	X	X		7 Bottles
658A	5-7-12		PC-125	RGW	X		X	X	X	X	X	X	X		3 Bottles
515A	5-7-12		PC-126	RGW	X		X	X	X	X	X	X	X		7 Bottles
738A	5-7-12		PC-24	RGW	X		X	X	X	X	X				5 Bottles
755A	5-7-12		PC-127	RGW	X		X	X	X	X	X				5 Bottles
815A	5-7-12		PC-129	RGW	X		X	X	X	X	X				5 Bottles
840A	5-7-12		PC-130	RGW	X		X	X	X	X	X	X	X		5 Bottles
900A	5-7-12		PC-50	RGW	X		X	X	X	X	X				5 Bottles
920A	5-7-12		PC-131	RGW	X		X	X	X	X	X				5 Bottles
942A	5-7-12		PC-132	RGW	X		X	X	X	X	X	X	X		5 Bottles
1145A	5-7-12		PC-82	RGW	X		X	X	X	X	X	X	X		9 Bottles

Reported by Weight:

SO = Soil
SL = Sludge

Reported by Volume:

RGW = Raw Ground Water
RSW = Raw Surface Water
CFW = Chlor(am)inated Finished Water
FW = Other Finished Water
CW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

SIGNATURE: Michele Brown
 RELINQUISHED BY: Michele Brown
 RECEIVED BY: Joe Sacks
 RELINQUISHED BY: _____
 RECEIVED BY: _____

COMPANY/TITLE: Veolia Water for Nevada Environmental Response Trust
 PRINT NAME: Michele Brown
 DATE: 5-7-12
 TIME: 12:00PM



WWLABS USE ONLY:

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

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS

SAMPLE TEMP, RECEIPT AT LAB: 59

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		SAMPLER		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		(check for yes)							
Nevada Environmental Response Trust		Quarterly Groundwater Sampling		Michele Brown		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)									
John Pekala 602-734-7710		Schedule B CWA-RCRA		Nevada Environmental Response Trust 35 East Wacker Suite 1550 Chicago, IL 60606											
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	PH	TDS	GR	CLO4	Sterile CLO4	CRVI	CLO3	NO3	SAMPLER Comments
	05-7-12		PC-79	RGW	X		X	X	X	X	X	X	X	X	S Bottles
				RGW	X		X	X	X	X	X	X	X	X	Bottles
				RGW	X		X	X	X	X	X	X	X	X	Bottles
				RGW	X		X	X	X	X	X	X	X	X	Bottles
				RGW	X		X	X	X	X	X	X	X	X	Bottles
				RGW	X		X	X	X	X	X	X	X	X	Bottles
				RGW	X		X	X	X	X	X	X	X	X	Bottles
				RGW	X		X	X	X	X	X	X	X	X	Bottles
				RGW	X		X	X	X	X	X	X	X	X	Bottles
				RGW	X		X	X	X	X	X	X	X	X	Bottles
				RGW	X		X	X	X	X	X	X	X	X	Bottles
				RGW	X		X	X	X	X	X	X	X	X	Bottles
				RGW	X		X	X	X	X	X	X	X	X	Bottles

Reported by Weight:

SO = Soil
SL = Sludge

Reported by Volume:

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

RGW = Raw Ground Water
RSW = Raw Surface Water

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

RELINQUISHED BY: <u>Michele Brown</u>	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY: <u>Joe Sanchez</u>		Michele Brown	Veolia Water for Nevada Environmental Response Trust	5-7-12	12:00PM
RELINQUISHED BY:					
RECEIVED BY:					



LABORATORIES

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

Rita Reeves is Your MWH Labs Project Manager

Sampler: please return this paper with your samples

Kit #: 44428

Created AutoGenerated

Order Date: 02/06/2012

STG: Bottle Orders

Client Code: ENVIRON-NVTRUST

Project Code: CWA-RCRA Bottle Orders

Group Name: Every 3 months - FirstMonday

PO#JOB#:

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:

Send Report to
Environ International Corp.
1702 E. Highland Ave.
Suite 412
Phoenix, AZ 85016

Attn: John M. Pekala, P.G.
Phone: 602.734.7710
Fax: 602.734.7701

Billing Address
Environ International Corp.
1702 E. Highland Ave.
Suite 412
Phoenix, AZ 85016

Attn: John M. Pekala, P.G.
Phone: 602.734.7710
Fax: 602.734.7701

# of Samples Tests	Bottles - Qty for each sample, type & preservative if any	UN DOT #
101 Chromium Total ICAP RCRA	1 250ml acid rinsed 1ml HNO3 (18%)	UN2031
15 CRVI 7196	1 125ml poly acid rinsed no preservative	
101 Perchlorate Sterile Filtered	1 125 ml poly + syringe, filter 125ml STERILE bottle	
101 PH by EPA 9040	1 125ml poly no preservative	
101 Total Dissolved Solid (TDS)	1 500ml poly TDS - no preservative	

Comments

QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS NOTIFY LAB AS SOON AS CR-VI COMES IN.- 24HR ht

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



LABORATORIES

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

Kit #: 49344

Created By: LXG

Order Date: 04/27/2012

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: Quarterly NO3, CLO3

PO#/JOB#:

Ship By:
04/12/2012

Ship Sample Kits to
Veolia Water
510 S. Fourth Street
Henderson, NV 89015

Attn: Michele Brown
Phone: 702-467-6299
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

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Attn: John M. Pekala, P.G.
Phone: 602.734.7710
Fax: 602.734.7701

of

UN DOT #

Bottles - Qty for each sample, type & preservative if any

22 Chlorate by EPA 9056

1 60mL poly 0.60mL 5% EDA sol'n

22 Nitrate by EPA 9056

1 125ml poly no preservative

Comments

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 08, 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

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1 800 566 LABS (1 800 566 5227)

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

Laboratory Comments
Report: #396070



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Laboratory Data
Report: 396070

Environ International Corp.

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

Samples Received on:
05/08/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
PC-123 (201205090034)							Sampled on 05/07/2012 0615				
EPA 6010 - ICP Metals											
5/9/2012	05/21/2012	17:19	654459	(EPA 6010)	Chromium Total ICAP	1.3	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered											
	05/15/2012	15:51	653406	(EPA 314.0)	Perchlorate	350000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/10/2012	05/11/2012	12:40	652780	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6900	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/13/2012	02:53	652466	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1
PC-124 (201205090035)							Sampled on 05/07/2012 0638				
EPA 6010 - ICP Metals											
5/9/2012	05/21/2012	17:23	654459	(EPA 6010)	Chromium Total ICAP	0.066	mg/L	0.00044	0.02	0.00088	2
EPA 9056 - Nitrate, Nitrite by EPA 300.0											
	05/08/2012	21:31	652568	(EPA 9056)	Nitrate as Nitrogen by IC	24	mg/L	0.0050	5	0.25	50
	05/08/2012	21:31	652568	(EPA 300.0)	Nitrate as NO3 (calc)	110	mg/L	0.022	22	1.1	50
EPA 9056 - Disinfection ByProducts by 300.0											
	05/18/2012	03:54	652811	(EPA 9056)	Chlorate by IC	150000	ug/L	1.3	50000	6500	5000
EPA 314.0 - Perchlorate Sterile Filtered											
	05/15/2012	16:13	653406	(EPA 314.0)	Perchlorate	8000	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/10/2012	05/11/2012	12:41	652780	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	7500	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/13/2012	02:57	652466	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1
PC-125 (201205090036)							Sampled on 05/07/2012 0658				
EPA 6010 - ICP Metals											
5/9/2012	05/21/2012	17:10	654459	(EPA 6010)	Chromium Total ICAP	0.046	mg/L	0.00044	0.01	0.00044	1
EPA 314.0 - Perchlorate Sterile Filtered											
	05/22/2012	00:00	654575	(EPA 314.0)	Perchlorate	7100	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/19/2012	05/19/2012	19:22	654224	(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.

(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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Report: 396070

Environ International Corp.

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1702 E. Highland Ave.
Suite 412
Phoenix, AZ 85016

Samples Received on:
05/08/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
EPA 9040 - PH by EPA 9040											
	05/13/2012	03:00	652466	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1
PC-126 (201205090037)							Sampled on 05/07/2012 0715				
EPA 6010 - ICP Metals											
5/9/2012	05/21/2012	17:26	654459	(EPA 6010)	Chromium Total ICAP	0.17	mg/L	0.00044	0.02	0.00088	2
EPA 9056 - Nitrate, Nitrite by EPA 300.0											
	05/08/2012	21:44	652568	(EPA 9056)	Nitrate as Nitrogen by IC	38	mg/L	0.0050	5	0.25	50
	05/08/2012	21:44	652568	(EPA 300.0)	Nitrate as NO3 (calc)	170	mg/L	0.022	22	1.1	50
EPA 9056 - Disinfection ByProducts by 300.0											
	05/18/2012	05:09	652811	(EPA 9056)	Chlorate by IC	270000	ug/L	1.3	50000	6500	5000
EPA 314.0 - Perchlorate Sterile Filtered											
	05/15/2012	16:58	653406	(EPA 314.0)	Perchlorate	29000	ug/L	0.25	2000	120	500
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/10/2012	05/11/2012	12:43	652780	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	9600	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/13/2012	03:04	652466	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1
PC-24 (201205090038)							Sampled on 05/07/2012 0738				
EPA 6010 - ICP Metals											
5/9/2012	05/21/2012	17:39	654459	(EPA 6010)	Chromium Total ICAP	0.26	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered											
	05/15/2012	17:20	653406	(EPA 314.0)	Perchlorate	39000	ug/L	0.25	4000	250	1000
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/10/2012	05/11/2012	12:44	652780	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	11000	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/13/2012	03:08	652466	(EPA 9040)	PH (H3=past HT not compliant)	7.7	Units	0.10	0.1	0.10	1
PC-127 (201205090039)							Sampled on 05/07/2012 0755				
EPA 6010 - ICP Metals											
5/9/2012	05/21/2012	17:42	654459	(EPA 6010)	Chromium Total ICAP	1.2	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered											
	05/15/2012	17:43	653406	(EPA 314.0)	Perchlorate	350000	ug/L	0.25	40000	2500	10000

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

Rounding on totals after summation.

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1702 E. Highland Ave.
Suite 412
Phoenix, AZ 85016

Samples Received on:
05/08/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/10/2012	05/11/2012	12:45 652780	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6700	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/13/2012	03:12 652466	(EPA 9040)	PH (H3=past HT not compliant)	7.8	Units	0.10	0.1	0.10	1
PC-129 (201205090040)							Sampled on 05/07/2012 0815			
EPA 6010 - ICP Metals										
5/9/2012	05/21/2012	17:46 654459	(EPA 6010)	Chromium Total ICAP	0.98	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	05/15/2012	18:05 653406	(EPA 314.0)	Perchlorate	510000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/10/2012	05/11/2012	12:46 652780	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6900	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/13/2012	03:16 652466	(EPA 9040)	PH (H3=past HT not compliant)	7.8	Units	0.10	0.1	0.10	1
PC-130 (201205090041)							Sampled on 05/07/2012 0840			
EPA 6010 - ICP Metals										
5/9/2012	05/21/2012	17:49 654459	(EPA 6010)	Chromium Total ICAP	0.98	mg/L	0.00044	0.02	0.00088	2
EPA 9056 - Nitrate, Nitrite by EPA 300.0										
	05/08/2012	21:57 652568	(EPA 9056)	Nitrate as Nitrogen by IC	38	mg/L	0.0050	5	0.25	50
	05/08/2012	21:57 652568	(EPA 300.0)	Nitrate as NO3 (calc)	170	mg/L	0.022	22	1.1	50
EPA 9056 - Disinfection ByProducts by 300.0										
	05/18/2012	05:34 652811	(EPA 9056)	Chlorate by IC	780000	ug/L	1.3	50000	6500	5000
EPA 314.0 - Perchlorate Sterile Filtered										
	05/15/2012	18:27 653406	(EPA 314.0)	Perchlorate	560000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
5/10/2012	05/11/2012	12:48 652780	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	7600	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040										
	05/15/2012	16:39 653186	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1
PC-50 (201205090042)							Sampled on 05/07/2012 0900			
EPA 6010 - ICP Metals										
5/9/2012	05/21/2012	17:53 654459	(EPA 6010)	Chromium Total ICAP	0.069	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.

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: 396070

Environ International Corp.

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

Samples Received on:
05/08/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
EPA 314.0 - Perchlorate Sterile Filtered											
	05/15/2012	18:50	653406	(EPA 314.0)	Perchlorate	160000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/10/2012	05/11/2012	12:49	652780	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	9600	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/15/2012	16:42	653186	(EPA 9040)	PH (H3=past HT not compliant)	7.4	Units	0.10	0.1	0.10	1
<u>PC-131 (201205090043)</u>							Sampled on 05/07/2012 0920				
EPA 6010 - ICP Metals											
5/9/2012	05/21/2012	17:56	654459	(EPA 6010)	Chromium Total ICAP	0.0012J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered											
	05/15/2012	19:34	653406	(EPA 314.0)	Perchlorate	4100	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/10/2012	05/11/2012	12:50	652780	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	8700	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/15/2012	16:46	653186	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1
<u>PC-132 (201205090044)</u>							Sampled on 05/07/2012 0942				
EPA 6010 - ICP Metals											
5/9/2012	05/21/2012	18:09	654459	(EPA 6010)	Chromium Total ICAP	ND	mg/L	0.00044	0.02	0.00088	2
EPA 9056 - Nitrate, Nitrite by EPA 300.0											
	05/08/2012	22:10	652568	(EPA 9056)	Nitrate as Nitrogen by IC	0.27J	mg/L	0.0050	0.65	0.25	50
	05/08/2012	22:10	652568	(EPA 300.0)	Nitrate as NO3 (calc)	1.2J	mg/L	0.022	2.8	1.1	50
EPA 9056 - Disinfection ByProducts by 300.0											
	05/18/2012	05:59	652811	(EPA 9056)	Chlorate by IC	720	ug/L	1.3	50	6.5	5
EPA 314.0 - Perchlorate Sterile Filtered											
	05/15/2012	19:57	653406	(EPA 314.0)	Perchlorate	1400	ug/L	0.25	200	12	50
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/10/2012	05/11/2012	12:51	652780	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	8500	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/15/2012	16:50	653186	(EPA 9040)	PH (H3=past HT not compliant)	7.5	Units	0.10	0.1	0.10	1
<u>PC-82 (201205090045)</u>							Sampled on 05/07/2012 1145				



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Laboratory Data
Report: 396070

Environ International Corp.

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

Samples Received on:
05/08/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
EPA 9056 - Nitrate, Nitrite by EPA 300.0											
	05/08/2012	22:23	652568	(EPA 9056)	Nitrate as Nitrogen by IC	0.56	mg/L	0.0050	0.33	0.12	25
	05/08/2012	22:23	652568	(EPA 300.0)	Nitrate as NO3 (calc)	2.4	mg/L	0.022	1.4	0.55	25
EPA 9056 - Disinfection ByProducts by 300.0											
	05/18/2012	06:24	652811	(EPA 9056)	Chlorate by IC	200	ug/L	1.3	50	6.5	5
EPA 314.0 - Perchlorate Sterile Filtered											
	05/22/2012	00:23	654575	(EPA 314.0)	Perchlorate	1400	ug/L	0.25	80	5.0	20
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/10/2012	05/11/2012	12:52	652780	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	3100	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/15/2012	16:54	653186	(EPA 9040)	PH (H3=past HT not compliant)	7.8	Units	0.10	0.1	0.10	1
<u>PC-79 (201205090046)</u>							Sampled on 05/07/2012 1208				
EPA 6010 - ICP Metals											
5/9/2012	05/21/2012	18:19	654459	(EPA 6010)	Chromium Total ICAP	ND	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered											
	05/15/2012	20:42	653406	(EPA 314.0)	Perchlorate	3800	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)											
5/10/2012	05/11/2012	12:53	652780	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2700	mg/L	4.2	10	4.2	1
EPA 9040 - PH by EPA 9040											
	05/15/2012	16:58	653186	(EPA 9040)	PH (H3=past HT not compliant)	7.8	Units	0.10	0.1	0.10	1



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**Laboratory
QC Summary: 396070**

Environ International Corp.

QC Ref # 652466 - PH (H3=past HT not compliant)

201205090034	PC-123
201205090035	PC-124
201205090036	PC-125
201205090037	PC-126
201205090038	PC-24
201205090039	PC-127
201205090040	PC-129

Analysis Date: 05/13/2012

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

QC Ref # 652568 - Nitrate, Nitrite by EPA 300.0

201205090035	PC-124
201205090037	PC-126
201205090041	PC-130
201205090044	PC-132
201205090045	PC-82

Analysis Date: 05/08/2012

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

QC Ref # 652780 - Total Dissolved Solids (TDS)

201205090034	PC-123
201205090035	PC-124
201205090037	PC-126
201205090038	PC-24
201205090039	PC-127
201205090040	PC-129
201205090041	PC-130
201205090042	PC-50
201205090043	PC-131
201205090044	PC-132
201205090045	PC-82
201205090046	PC-79

Analysis Date: 05/11/2012

Analyzed by: WBH
 Analyzed by: WBH
 Analyzed by: WBH
 Analyzed by: WBH
 Analyzed by: WBH
 Analyzed by: WBH
 Analyzed by: WBH
 Analyzed by: WBH
 Analyzed by: WBH
 Analyzed by: WBH
 Analyzed by: WBH
 Analyzed by: WBH

QC Ref # 652811 - Disinfection ByProducts by 300.0

201205090035	PC-124
201205090037	PC-126
201205090041	PC-130
201205090044	PC-132
201205090045	PC-82

Analysis Date: 05/18/2012

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

QC Ref # 653186 - PH (H3=past HT not compliant)

201205090041	PC-130
201205090042	PC-50
201205090043	PC-131
201205090044	PC-132
201205090045	PC-82
201205090046	PC-79

Analysis Date: 05/15/2012

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

QC Ref # 653406 - Perchlorate

201205090034	PC-123
201205090035	PC-124

Analysis Date: 05/15/2012

Analyzed by: LUPE
 Analyzed by: LUPE



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**Laboratory
QC Summary: 396070**

Environ International Corp.

(continued)

201205090037	PC-126	Analyzed by: LUPE
201205090038	PC-24	Analyzed by: LUPE
201205090039	PC-127	Analyzed by: LUPE
201205090040	PC-129	Analyzed by: LUPE
201205090041	PC-130	Analyzed by: LUPE
201205090042	PC-50	Analyzed by: LUPE
201205090043	PC-131	Analyzed by: LUPE
201205090044	PC-132	Analyzed by: LUPE
201205090046	PC-79	Analyzed by: LUPE

QC Ref # 654224 - Total Dissolved Solids (TDS)

201205090036	PC-125
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Analysis Date: 05/19/2012

Analyzed by: JRF

QC Ref # 654459 - ICP Metals

201205090034	PC-123
201205090035	PC-124
201205090036	PC-125
201205090037	PC-126
201205090038	PC-24
201205090039	PC-127
201205090040	PC-129
201205090041	PC-130
201205090042	PC-50
201205090043	PC-131
201205090044	PC-132
201205090046	PC-79

Analysis Date: 05/21/2012

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

QC Ref # 654575 - Perchlorate

201205090036	PC-125
201205090045	PC-82

Analysis Date: 05/22/2012

Analyzed by: LUPE
Analyzed by: LUPE



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Laboratory QC
Report: 396070

Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 652466 - PH (H3=past HT not compliant) by EPA 9040						Analysis Date: 05/12/2012			
DUP_201205140107	PH (H3=past HT not compliant)	8.3		8.27	Units		(0-20)	20	0.085
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# 652568 - Nitrate, Nitrite by EPA 300.0 by EPA 300.0						Analysis Date: 05/08/2012			
LCS1	Nitrate as Nitrogen by IC		2.5	2.58	mg/L	103	(90-110)		
LCS2	Nitrate as Nitrogen by IC		2.5	2.57	mg/L	103	(90-110)	20	0.39
MBLK	Nitrate as Nitrogen by IC			<0.10	mg/L				
MRL_CHK	Nitrate as Nitrogen by IC		0.05	0.0584	mg/L	117	(50-150)		
MRLLLW	Nitrate as Nitrogen by IC		0.013	0.0187	mg/L	150	(50-150)		
MS_201205080257	Nitrate as Nitrogen by IC	0.49	1.3	3.28	mg/L	112	(80-120)		
MS_201205070067	Nitrate as Nitrogen by IC	0.87	1.3	7.59	mg/L	108	(80-120)		
MSD_201205070067	Nitrate as Nitrogen by IC	0.87	1.3	7.65	mg/L	108	(80-120)	20	0.79
MSD_201205080257	Nitrate as Nitrogen by IC	0.49	1.3	3.28	mg/L	111	(80-120)	20	0.0
QC Ref# 652780 - Total Dissolved Solids (TDS) by E160.1/SM2540C						Analysis Date: 05/11/2012			
DUP_201205080049	Total Dissolved Solid (TDS)	210		212	mg/L		(0-20)	20	2.9
DUP_201205090040	Total Dissolved Solid (TDS)	6900		7000	mg/L		(0-20)	20	2.0
LCS1	Total Dissolved Solid (TDS)		175	180	mg/L	103	(80-114)		
LCS2	Total Dissolved Solid (TDS)		700	700	mg/L	100	(80-114)		
MBLK	Total Dissolved Solid (TDS)			<10	mg/L				
MRL_CHK	Total Dissolved Solid (TDS)		10	10.0	mg/L	100	(50-150)		
QC Ref# 652811 - Disinfection ByProducts by 300.0 by EPA 9056						Analysis Date: 05/18/2012			
LCS1	Chlorate by IC		200	202	ug/L	101	(90-110)		
LCS2	Chlorate by IC		200	204	ug/L	102	(90-110)	20	0.99
MBLK	Chlorate by IC			<10	ug/L				
MRL_CHK	Chlorate by IC		10	11.0	ug/L	110	(75-125)		
MS_201205090035	Chlorate by IC	150000	100	662000	ug/L	103	(80-120)		
MSD_201205090035	Chlorate by IC	150000	100	654000	ug/L	101	(80-120)	15	1.2
QC Ref# 653186 - PH (H3=past HT not compliant) by EPA 9040						Analysis Date: 05/15/2012			
DUP_201205150322	PH (H3=past HT not compliant)	8.4		8.4	Units		(0-20)	20	0.17
LCS1	PH (H3=past HT not compliant)		6.0	6.00	Units	100	(98-102)		
LCS2	PH (H3=past HT not compliant)		6.0	6.01	Units	100	(98-102)	20	0.17
QC Ref# 653406 - Perchlorate by EPA 314.0						Analysis Date: 05/15/2012			
LCS1	Perchlorate		25	26.0	ug/L	104	(85-115)		
LCS2	Perchlorate		25	25.3	ug/L	101	(85-115)	15	2.7
MBLK	Perchlorate			<4	ug/L				

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: 396070

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Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MRL_CHK	Perchlorate		4.0	3.5	ug/L	88	(75-125)		
MS_201205090487	Perchlorate	ND	25	28.7	ug/L	109	(80-120)		
MSD_201205090487	Perchlorate	ND	25	29.6	ug/L	113	(80-120)	15	3.1
QC Ref# 654224 - Total Dissolved Solids (TDS) by E160.1/SM2540C						Analysis Date: 05/19/2012			
DUP_201205150230	Total Dissolved Solid (TDS)	700		698	mg/L		(0-20)	20	0.86
DUP_201205180336	Total Dissolved Solid (TDS)	360		370	mg/L		(0-20)	20	1.6
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# 654459 - ICP Metals by EPA 6010						Analysis Date: 05/21/2012			
LCS1	Chromium Total ICAP		1.0	1.07	mg/L	107	(85-115)		
LCS2	Chromium Total ICAP		1.0	1.06	mg/L	106	(85-115)	20	0.94
MBLK	Chromium Total ICAP			<0.01	mg/L				
MRL_CHK	Chromium Total ICAP		0.01	0.0114	mg/L	114	(50-150)		
MS_201205090036	Chromium Total ICAP	0.046	1.0	1.01	mg/L	96	(70-130)		
MS2_201205090656	Chromium Total ICAP	0.74	1.0	1.69	mg/L	95	(70-130)		
MSD_201205090036	Chromium Total ICAP	0.046	1.0	1.02	mg/L	97	(70-130)	20	0.99
MSD2_201205090656	Chromium Total ICAP	0.74	1.0	1.7	mg/L	97	(70-130)	20	0.59
QC Ref# 654575 - Perchlorate by EPA 314.0						Analysis Date: 05/21/2012			
LCS1	Perchlorate		25	25.4	ug/L	102	(85-115)		
LCS2	Perchlorate		25	26.5	ug/L	106	(85-115)	15	4.2
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	4.48	ug/L	112	(75-125)		
MS_201205160002	Perchlorate		25	26.6	ug/L	106	(80-120)		
MSD_201205160002	Perchlorate		25	25.4	ug/L	102	(80-120)	15	4.6

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.

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.