



MWH

LABORATORIES

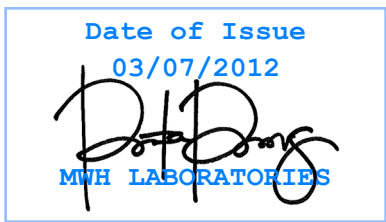
A Division of MWH Americas, Inc.

750 Royal Oak Dr., Suite 100
Monrovia, California, 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Environ International Corp.
1702 E. Highland Ave.
Suite 412
Phoenix, AZ 85016
Attention: John M. Pekala, P.G.
Fax: 602.734.7701



RSR: Rita Reeves
Project Manager



Report#: 387631
Project: CWA-RCRA
Group: Monthly ART and PC
Wells

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Hits Reports, Comments, QC Summary, QC Report and Regulatory Forms. This report shall not be reproduced except in full, without the written approval of the laboratory.

**MWH****LABORATORIES****STATE CERTIFICATION LIST**

State	Certification Number	State	Certification Number
Alabama	41060	Mississippi	Certified
Alaska	CA00006	Montana	Cert 0035
Arizona	AZ0455	Nevada	CA00006-2010-1
Arkansas	Certified	New Hampshire	2959-11
California – NELAP	01114CA	New Jersey	CA 008
California – ELAP	1422	New Mexico	Certified
Colorado	Certified	New York	11320
Connecticut	PH-0107	North Carolina	06701
Delaware	CA 006	North Dakota	R-009
Florida	E871024	Oregon	CA 200003-009
Georgia	947	Pennsylvania	68-565
Guam	11-004r	Rhode Island	01114CA
Hawaii	Certified	South Carolina	87016001
Idaho	Certified	South Dakota	Certified
Illinois	200033	Tennessee	TN02839
Indiana	C-CA-01	Texas	T104704230-11-2
Kansas	E-10268	Utah	Mont-1
Kentucky	90107	Vermont	VT0114
Louisiana	LA110022	Virginia	00210
Maine	CA0006	Washington	C383
Maryland	224	West Virginia	9943 C
Commonwealth of Northern Marianas Is.	MP0004	Wisconsin	998316660
Massachusetts	M-CA006	Wyoming	8TMS-L
Michigan	9906	EPA Region 5	Certified

Acknowledgement of Samples Received

Environ International Corp.

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

 Customer Code: ENVIRON-NVTRUST
 Folder #: 387631
 Project: CWA-RCRA
 Sample Group: Monthly ART and PC Wells
 Project Manager: Rita Reeves
 Phone: 916-418-8358

The following samples were received from you on **February 07, 2012**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample #	Sample ID	Sample Date
<u>201202070284</u>	ART-1	Feb 06, 2012 11:42
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201202070285</u>	ART-2	Feb 06, 2012 11:48
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201202070286</u>	ART-3	Feb 06, 2012 11:49
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201202070287</u>	ART-4	Feb 06, 2012 11:52
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201202070289</u>	ART-6	Feb 06, 2012 11:21
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201202070290</u>	ART-7	Feb 06, 2012 11:59
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201202070291</u>	ART-8	Feb 06, 2012 11:56
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201202070292</u>	PC-99R2/R3	Feb 06, 2012 09:55
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201202070293</u>	PC-115R	Feb 06, 2012 10:02
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201202070294</u>	PC-116R	Feb 06, 2012 10:06
	Chromium Total ICAP RCRA	Perchlorate
		Total Dissolved Solid (TDS)
<u>201202070295</u>	SF-1	Feb 06, 2012 10:34
	Chromium Total ICAP RCRA	Perchlorate
		3/20
		Total Dissolved Solid (TDS)



Acknowledgement of Samples Received

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

Customer Code: ENVIRON-NVTRUST
Folder #: 387631
Project: CWA-RCRA
Sample Group: Monthly ART and PC Wells
Project Manager: Rita Reeves
Phone: 916-418-8358

The following samples were received from you on **February 07, 2012**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample #	Sample ID	Sample Date
<u>201202070296</u>	PC-117	Feb 06, 2012 10:08
	Chromium Total ICAP RCRA Perchlorate Total Dissolved Solid (TDS)	
<u>201202070297</u>	PC-118	Feb 06, 2012 10:11
	Chromium Total ICAP RCRA Perchlorate Total Dissolved Solid (TDS)	
<u>201202070298</u>	PC-119	Feb 06, 2012 10:15
	Chromium Total ICAP RCRA Perchlorate Total Dissolved Solid (TDS)	
<u>201202070299</u>	PC-120	Feb 06, 2012 10:18
	Chromium Total ICAP RCRA Perchlorate Total Dissolved Solid (TDS)	
<u>201202070300</u>	PC-121	Feb 06, 2012 10:22
	Chromium Total ICAP RCRA Perchlorate Total Dissolved Solid (TDS)	
<u>201202070301</u>	PC-133	Feb 06, 2012 10:25
	Chromium Total ICAP RCRA Perchlorate Total Dissolved Solid (TDS)	
<u>201202070302</u>	ART-9	Feb 06, 2012 12:03
	Chromium Total ICAP RCRA Perchlorate Total Dissolved Solid (TDS)	

Test Description



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: WJW

SAMPLE TEMP, RECEIPT AT LAB: 260

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

38763

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME
Nevada Environmental Response Trust
Russell Speckin

PROJECT JOB # / P.O.#
CWA-RCRA
Collection Wells Fields - Weekly - SO #12373

IDENTIFIER, STATE ID#
Nevada Environmental Response Trust
35 East Wacker Suite 1550
Chicago, IL 60606

TIME DATE LOCATION

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	STERILE CL4	TDS	SR	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)	REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES	(check for yes)	SAMPLER COMMENTS
1142	2-6-12		ART-1	RSW	X		X	X				<input checked="" type="checkbox"/>	
1148	2-6-12		ART-2	RSW	X		X	X					
1149	2-6-12		ART-3	RSW	X		X	X					
1152	2-6-12		ART-4	RSW	X		X	X					
1154	2-6-12		ART-6	RSW	X		X	X					
1159	2-6-12		ART-7	RSW	X		X	X					
1156	2-6-12		ART-8	RSW	X		X	X					
0955	2-6-12		PC-99R2/R3	RSW	X		X	X					
1002	2-6-12		PC-115R	RSW	X		X	X					
1006	2-6-12		PC-116R	RSW	X		X	X					

* MATRIX TYPES:

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

Reported by Weight:
SO = Soil
SL = Sludge

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

Reported by Weight:

RELINQUISHED BY:

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RECEIVED BY: [Signature]

Russell Speckin

Veolia Water for Nevada Environmental Response Trust

2-6-12 1200pm

RELINQUISHED BY:

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RECEIVED BY: [Signature]

Chris Cabrem

MWH

2-6-12 1200pm

Linda Geddes Your MWWL Project Manager

BO #: 9843

Created By: LXG

Order Date: 10/07/2009

Bottle Orders

Ship By:
 10/22/2009

Ship Sample Kits to

Veolia Water-Tronox LLC
 Gate 1
 560 West Lake Mead Pkwy
 Henderson, NV 89015
 Attn: Wendy Prescott
 Phone: _____
 Fax: _____

Client Code: TRONOX

Project Code: CWA-RCRA Bottle Orders

Group Name: Monthly ART and PC Wells

PO# / Job#

Send Report to

Tronox LLC
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234
 Fax: 702-651-2310

Billing Address

Tronox LLC
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234
 Fax: 702-651-2310

of Samples Tests

20 Perchlorate

20 Total Dissolved Solid (TDS)

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

1 125ml poly CLO4 - no preservative

1 500ml poly TDS - no preservative

Comments

Monthly ART and PC Wells - Do not prelabel bottles

Group#
 Date Sampled
 Date Received

UN DOT #

Status

Date Shipped

Via

Tracking #

of Coolers

Prepared By

February 27, 2012

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

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on February 07, 2012 with proper chain of custody. All containers were received without any visible signs of tampering or breakage at proper temperature. Samples are identified on the acknowledgement, which is part of the report package, along with the chain of custody.

Case Narrative:
For the MWH Laboratories data the following issues were observed:

Other Observations:

There were no unusual observations on this sample set.

Sincerely,



Rita Reeves
Project Manager



MWH

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

Laboratory Comments
Report: #387631



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Laboratory Data
Report: 387631

Environ International Corp.

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

Samples Received on:
02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
<u>ART-1 (201202070284)</u>							Sampled on 02/06/2012 1142				
EPA 6010 - ICP Metals											
02/20/2012	17:01	639816	(EPA 6010)	Chromium Total ICAP	0.0022J	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
02/22/2012	19:09	639369	(EPA 314.0)	Perchlorate	66000	ug/L	0.25	4000	250	1000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	23:38	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6000	mg/L	4.2	10	4.2	1
<u>ART-2 (201202070285)</u>							Sampled on 02/06/2012 1148				
EPA 6010 - ICP Metals											
02/20/2012	17:05	639816	(EPA 6010)	Chromium Total ICAP	0.029	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
02/15/2012	03:14	639040	(EPA 314.0)	Perchlorate	67000	ug/L	0.25	4000	250	1000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	23:39	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	8900	mg/L	4.2	10	4.2	1
<u>ART-3 (201202070286)</u>							Sampled on 02/06/2012 1149				
EPA 6010 - ICP Metals											
02/20/2012	17:14	639816	(EPA 6010)	Chromium Total ICAP	0.38	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
02/15/2012	03:36	639040	(EPA 314.0)	Perchlorate	320000	ug/L	0.25	40000	2500	10000	

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

10/20

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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Samples Received on:
02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	23:40	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	8100	mg/L	4.2	10	4.2	1
<u>ART-4 (201202070287)</u>								Sampled on 02/06/2012 1152			
EPA 6010 - ICP Metals											
02/20/2012	17:38	639816	(EPA 6010)	Chromium Total ICAP	0.55	mg/L	0.00044	0.01	0.00044	1	
EPA 314.0 - Perchlorate Sterile Filtered											
02/15/2012	03:58	639040	(EPA 314.0)	Perchlorate	420000	ug/L	0.25	40000	2500	10000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	23:41	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6300	mg/L	4.2	10	4.2	1
<u>ART-6 (201202070289)</u>								Sampled on 02/06/2012 1121			
EPA 6010 - ICP Metals											
02/20/2012	17:18	639816	(EPA 6010)	Chromium Total ICAP	1.2	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
02/15/2012	04:21	639040	(EPA 314.0)	Perchlorate	260000	ug/L	0.25	40000	2500	10000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	23:42	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6800	mg/L	4.2	10	4.2	1
<u>ART-7 (201202070290)</u>								Sampled on 02/06/2012 1159			
EPA 6010 - ICP Metals											
02/20/2012	17:21	639816	(EPA 6010)	Chromium Total ICAP	0.71	mg/L	0.00044	0.02	0.00088	2	

Rounding on totals after summation.
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Laboratory Data
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1702 E. Highland Ave.
Suite 412
Phoenix, AZ 85016

Samples Received on:
02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
EPA 314.0 - Perchlorate Sterile Filtered										
	02/15/2012 04:43	639040	(EPA 314.0)	Perchlorate	130000	ug/L	0.25	20000	1200	5000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012 23:43	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	7600	mg/L	4.2	10	4.2	1
<u>ART-8 (201202070291)</u>							Sampled on 02/06/2012 1156			
EPA 6010 - ICP Metals										
	02/20/2012 17:25	639816	(EPA 6010)	Chromium Total ICAP	0.21	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/15/2012 05:28	639040	(EPA 314.0)	Perchlorate	210000	ug/L	0.25	20000	1200	5000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012 23:44	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	8900	mg/L	4.2	10	4.2	1
<u>PC-99R2/R3 (201202070292)</u>							Sampled on 02/06/2012 0955			
EPA 6010 - ICP Metals										
	02/20/2012 17:28	639816	(EPA 6010)	Chromium Total ICAP	0.0022J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/15/2012 05:50	639040	(EPA 314.0)	Perchlorate	14000	ug/L	0.25	800	50	200
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012 23:45	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	4400	mg/L	4.2	10	4.2	1
<u>PC-115R (201202070293)</u>							Sampled on 02/06/2012 1002			

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Samples Received on:
02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
EPA 6010 - ICP Metals										
	02/20/2012	17:32	639816 (EPA 6010)	Chromium Total ICAP	0.0015J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/15/2012	06:13	639040 (EPA 314.0)	Perchlorate	8200	ug/L	0.25	800	50	200
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012	23:49	638697 (E160.1/SM2540C)	Total Dissolved Solids (TDS)	3300	mg/L	4.2	10	4.2	1
<u>PC-116R (201202070294)</u>							Sampled on 02/06/2012 1006			
EPA 6010 - ICP Metals										
	02/20/2012	17:35	639816 (EPA 6010)	Chromium Total ICAP	0.0012J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/15/2012	06:35	639040 (EPA 314.0)	Perchlorate	11000	ug/L	0.25	800	50	200
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012	23:50	638697 (E160.1/SM2540C)	Total Dissolved Solids (TDS)	4200	mg/L	4.2	10	4.2	1
<u>SF-1 (201202070295)</u>							Sampled on 02/06/2012 1034			
EPA 6010 - ICP Metals										
	02/20/2012	17:56	639816 (EPA 6010)	Chromium Total ICAP	0.013J	mg/L	0.00044	0.02	0.00088	2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/15/2012	06:58	639040 (EPA 314.0)	Perchlorate	ND	ug/L	0.25	4	0.25	1
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012	23:51	638697 (E160.1/SM2540C)	Total Dissolved Solids (TDS)	4900	mg/L	4.2	10	4.2	1

Rounding on totals after summation.
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Sample Quantitation Limit (SQL) =
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Samples Received on:
02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
PC-117 (201202070296)							Sampled on 02/06/2012 1008				
EPA 6010 - ICP Metals											
02/20/2012	17:59	639816	(EPA 6010)	Chromium Total ICAP	0.0035J	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
02/15/2012	07:20	639040	(EPA 314.0)	Perchlorate	5600	ug/L	0.25	400	25	100	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	23:52	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	3200	mg/L	4.2	10	4.2 1	
PC-118 (201202070297)							Sampled on 02/06/2012 1011				
EPA 6010 - ICP Metals											
02/20/2012	18:02	639816	(EPA 6010)	Chromium Total ICAP	ND	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
02/15/2012	07:42	639040	(EPA 314.0)	Perchlorate	3600	ug/L	0.25	400	25	100	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	23:53	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2600	mg/L	4.2	10	4.2 1	
PC-119 (201202070298)							Sampled on 02/06/2012 1015				
EPA 6010 - ICP Metals											
02/20/2012	18:06	639816	(EPA 6010)	Chromium Total ICAP	0.0023J	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
02/15/2012	08:05	639040	(EPA 314.0)	Perchlorate	400	ug/L	0.25	200	12	50	

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02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	23:35	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2000	mg/L	4.2	10	4.2	1
<u>PC-120 (201202070299)</u>								Sampled on 02/06/2012 1018			
EPA 6010 - ICP Metals											
02/20/2012	18:09	639816	(EPA 6010)	Chromium Total ICAP	0.0019J	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
02/15/2012	08:27	639040	(EPA 314.0)	Perchlorate	230	ug/L	0.25	80	5.0	20	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	23:48	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2200	mg/L	4.2	10	4.2	1
<u>PC-121 (201202070300)</u>								Sampled on 02/06/2012 1022			
EPA 6010 - ICP Metals											
02/20/2012	18:13	639816	(EPA 6010)	Chromium Total ICAP	ND	mg/L	0.00044	0.02	0.00088	2	
EPA 314.0 - Perchlorate Sterile Filtered											
02/15/2012	08:50	639040	(EPA 314.0)	Perchlorate	640	ug/L	0.25	80	5.0	20	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
2/10/2012	02/10/2012	23:54	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2300	mg/L	4.2	10	4.2	1
<u>PC-133 (201202070301)</u>								Sampled on 02/06/2012 1025			
EPA 6010 - ICP Metals											
02/20/2012	18:16	639816	(EPA 6010)	Chromium Total ICAP	0.0010J	mg/L	0.00044	0.02	0.00088	2	

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

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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Laboratory Data
Report: 387631

Environ International Corp.

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

Samples Received on:
02/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
EPA 314.0 - Perchlorate Sterile Filtered										
	02/15/2012	21:11	639368	(EPA 314.0)	Perchlorate	670	ug/L	0.25	400	25 100
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012	23:55	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2400	mg/L	4.2	10	4.2 1
<u>ART-9 (201202070302)</u>							Sampled on 02/06/2012 1203			
EPA 6010 - ICP Metals										
	02/20/2012	18:20	639816	(EPA 6010)	Chromium Total ICAP	1.4	mg/L	0.00044	0.02	0.00088 2
EPA 314.0 - Perchlorate Sterile Filtered										
	02/15/2012	21:33	639368	(EPA 314.0)	Perchlorate	320000	ug/L	0.25	40000	2500 10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
2/10/2012	02/10/2012	23:56	638697	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6800	mg/L	4.2	10	4.2 1



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**Laboratory
QC Summary: 387631**

Environ International Corp.

QC Ref # 638697 - Total Dissolved Solids (TDS)

201202070284	ART-1
201202070285	ART-2
201202070286	ART-3
201202070287	ART-4
201202070289	ART-6
201202070290	ART-7
201202070291	ART-8
201202070292	PC-99R2/R3
201202070293	PC-115R
201202070294	PC-116R
201202070295	SF-1
201202070296	PC-117
201202070297	PC-118
201202070298	PC-119
201202070299	PC-120
201202070300	PC-121
201202070301	PC-133
201202070302	ART-9

Analysis Date: 02/10/2012

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

QC Ref # 639040 - Perchlorate

201202070285	ART-2
201202070286	ART-3
201202070287	ART-4
201202070289	ART-6
201202070290	ART-7
201202070291	ART-8
201202070292	PC-99R2/R3
201202070293	PC-115R
201202070294	PC-116R
201202070295	SF-1
201202070296	PC-117
201202070297	PC-118
201202070298	PC-119
201202070299	PC-120
201202070300	PC-121

Analysis Date: 02/15/2012

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

QC Ref # 639368 - Perchlorate

201202070301	PC-133
201202070302	ART-9

Analysis Date: 02/15/2012

Analyzed by: LUPE
Analyzed by: LUPE

QC Ref # 639369 - Perchlorate

201202070284	ART-1
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Analysis Date: 02/22/2012

Analyzed by: LUPE

QC Ref # 639816 - ICP Metals

201202070284	ART-1
201202070285	ART-2
201202070286	ART-3

Analysis Date: 02/20/2012

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



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**Laboratory
QC Summary: 387631**

Environ International Corp.

(continued)

201202070287	ART-4	Analyzed by: NINA
201202070289	ART-6	Analyzed by: NINA
201202070290	ART-7	Analyzed by: NINA
201202070291	ART-8	Analyzed by: NINA
201202070292	PC-99R2/R3	Analyzed by: NINA
201202070293	PC-115R	Analyzed by: NINA
201202070294	PC-116R	Analyzed by: NINA
201202070295	SF-1	Analyzed by: NINA
201202070296	PC-117	Analyzed by: NINA
201202070297	PC-118	Analyzed by: NINA
201202070298	PC-119	Analyzed by: NINA
201202070299	PC-120	Analyzed by: NINA
201202070300	PC-121	Analyzed by: NINA
201202070301	PC-133	Analyzed by: NINA
201202070302	ART-9	Analyzed by: NINA



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Laboratory
QC Report: 387631

Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 638697 - Total Dissolved Solids (TDS) by E160.1/SM2540C					Analysis Date: 02/10/2012				
DUP_201202100501	Total Dissolved Solid (TDS)	290		286	mg/L		(0-20)	20	1.4
DUP_201202070298	Total Dissolved Solid (TDS)	2000		2070	mg/L		(0-20)	20	1.2
LCS1	Total Dissolved Solid (TDS)		175	186	mg/L	106	(80-114)		
LCS2	Total Dissolved Solid (TDS)		700	682	mg/L	97	(80-114)		
MBLK	Total Dissolved Solid (TDS)			<10	mg/L				
MRL_CHK	Total Dissolved Solid (TDS)		10	11.0	mg/L	110	(50-150)		
QC Ref# 639040 - Perchlorate by EPA 314.0					Analysis Date: 02/14/2012				
LCS1	Perchlorate		25	26.6	ug/L	106	(85-115)		
LCS2	Perchlorate		25	26.5	ug/L	106	(85-115)	15	0.38
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	4.91	ug/L	123	(75-125)		
MS_201202070216	Perchlorate	400000	25	668000	ug/L	108	(80-120)		
MSD_201202070216	Perchlorate	400000	25	655000	ug/L	103	(80-120)	15	2.0
QC Ref# 639368 - Perchlorate by EPA 314.0					Analysis Date: 02/15/2012				
LCS1	Perchlorate		25	25.4	ug/L	102	(85-115)		
LCS2	Perchlorate		25	26.3	ug/L	105	(85-115)	15	3.5
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	4.16	ug/L	104	(75-125)		
MS_201202130060	Perchlorate	ND	25	25.6	ug/L	97	(80-120)		
MSD_201202130060	Perchlorate	ND	25	25.3	ug/L	96	(80-120)	15	1.2
QC Ref# 639369 - Perchlorate by EPA 314.0					Analysis Date: 02/22/2012				
LCS1	Perchlorate		25	24.4	ug/L	98	(85-115)		
LCS2	Perchlorate		25	23.1	ug/L	93	(85-115)	15	5.5
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	3.9	ug/L	98	(75-125)		
MS_201202210119	Perchlorate	ND	25	27.2	ug/L	109	(80-120)		
MSD_201202210119	Perchlorate	ND	25	26.9	ug/L	108	(80-120)	15	1.1
QC Ref# 639816 - ICP Metals by EPA 6010					Analysis Date: 02/20/2012				
LCS1	Chromium Total ICAP		1.0	1.09	mg/L	109	(85-115)		
LCS2	Chromium Total ICAP		1.0	1.03	mg/L	103	(85-115)	20	5.7
MBLK	Chromium Total ICAP			<0.01	mg/L				
MRL_CHK	Chromium Total ICAP		0.01	0.0110	mg/L	110	(50-150)		
MS_201202070219	Chromium Total ICAP	ND	1.0	1.1	mg/L	110	(70-130)		

Spike recovery is already corrected for native results.

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

Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

(S) Indicates surrogate compound.

(I) Indicates internal standard compound.

19/20

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

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



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Laboratory
QC Report: 387631

Environ International Corp.
(continued)

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

Spike recovery is already corrected for native results.

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

(S) Indicates surrogate compound.

(I) Indicates internal standard compound.

20/20

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)