



MWH

LABORATORIES

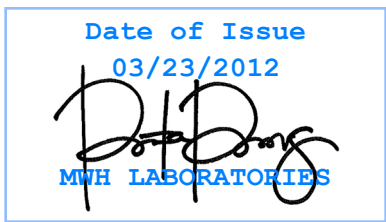
A Division of MWH Americas, Inc.

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#: 390258
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 #: 390258
 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 **March 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>201203070176</u>	ART-1	Mar 06, 2012 11:17
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070177</u>	ART-2	Mar 06, 2012 10:47
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070178</u>	ART-3	Mar 06, 2012 12:20
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070179</u>	ART-4	Mar 06, 2012 11:11
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070180</u>	ART-6	Mar 06, 2012 13:05
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070181</u>	ART-7	Mar 06, 2012 10:55
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070182</u>	ART-8	Mar 06, 2012 11:23
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070183</u>	PC-99R2/R3	Mar 06, 2012 09:47
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070184</u>	PC-115R	Mar 06, 2012 10:14
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070185</u>	PC-116R	Mar 06, 2012 09:36
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070186</u>	SF-1	Mar 06, 2012 10:25
	Perchlorate Total Dissolved Solid (TDS)	



Acknowledgement of Samples Received

Environ International Corp.
1702 E. Highland Ave.
Suite 412
Phoenix, AZ 85016
Attn: John M. Pekala, P.G.
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Phone: 916-418-8358

The following samples were received from you on **March 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>201203070187</u>	PC-117	Mar 06, 2012 09:17
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070188</u>	PC-118	Mar 06, 2012 09:22
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070189</u>	PC-119	Mar 06, 2012 09:55
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070190</u>	PC-120	Mar 06, 2012 09:47
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070191</u>	PC-121	Mar 06, 2012 09:26
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070192</u>	PC-133	Mar 06, 2012 10:03
	Perchlorate Total Dissolved Solid (TDS)	
<u>201203070193</u>	ART-9	Mar 06, 2012 11:03
	Perchlorate Total Dissolved Solid (TDS)	

Test Description



CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

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

M/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: DB/IS

SAMPLE TEMP, RECEIPT AT LAB: 3.4

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		SAMPLER COMMENTS	
Nevada Environmental Response Trust Sampler Signature: <u>Eric Crawford</u>		CWA-RCRA Collection Wells Fields - Monthly - SO #12373		Nevada Environmental Response Trust 35 Wacker Suite 1550 Chicago, IL 60606		sterile filtered C104			
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	TDS		
<u>1025A</u>	3/6/12		SF-1	RSW	X		X		
<u>917A</u>	3/6/12		PC-117	RSW	X		X		
<u>922A</u>	3/6/12		PC-118	RSW	X		X		
<u>955A</u>	3/6/12		PC-119	RSW	X		X		
<u>944A</u>	3/6/12		PC-120	RSW	X		X		
<u>926A</u>	3/6/12		PC-121	RSW	X		X		
<u>1003A</u>	3/6/12		PC-133	RSW	X		X		
<u>1103A</u>	3/6/12		ART-9	RSW	X		X		

Reported by Weight:

SO = Soil
SL = Sludge

Reported by Volume:

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

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

RGW = Raw Ground Water
RSW = Raw Surface Water

RELINQUISHED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
	<u>[Signature]</u>	Eric Crawford	Veolia Water for Nevada Environmental Response Trust	3/6/2012	12:00 PM
RECEIVED BY:	<u>[Signature]</u>	Joe Sanchez	MNH	3/7/12	1150
RELINQUISHED BY:					
RECEIVED BY:					

Bottle Order for Tronox LLC

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

Linda Geddes Your MWHL Project Manager

30 #: 9843

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

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:

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)

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

1 125ml poly CLO4 - no preservative

1 500ml poly TDS - no preservative

UN DOT #

Comments

Monthly ART and PC Wells - Do not prelabel bottles

Group#
Date Sampled
Date Received

Client Code TRONOX

Project Code CWA-RCRA Bottle Orders

Group Name Monthly ART and PC Wells

PO# / Job#

Status

Date Shipped

Via

Tracking #

of Coolers

Prepared By

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

Origin ID: LASA



J12101112190225

Henderson, NV 89015

Ship Date: 06MAR12
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

BILL SENDER

Ref # ART and PC Wells
Invoice #
PO #
Dept #

Monrovia, CA 91016

2 of 2

WED - 07 MAR A1
PRIORITY OVERNIGHT

MPS# 7981 3864 6069

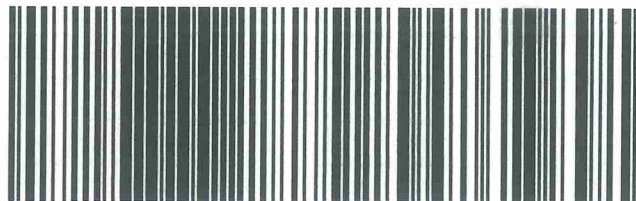
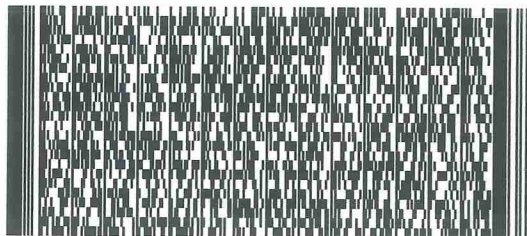
0263

Mstr# 7981 3864 5990

0201

91016
CA-US
BUR

QZ WHPA



512G1/81D5/A278

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
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Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

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.

March 23, 2012

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

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on March 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

LABORATORIES

A Division of MWH Americas, Inc.

750 Royal Oak Dr., Suite 100
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1 800 566 LABS (1 800 566 5227)

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

Laboratory Comments
Report: #390258



MWH

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Laboratory Data
Report: 390258

Environ International Corp.

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

Samples Received on:
03/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
<u>ART-1 (201203070176)</u>										Sampled on 03/06/2012 1117
EPA 314.0 - Perchlorate Sterile Filtered										
03/14/2012	00:38	643428	(EPA 314.0)	Perchlorate	4800	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)										
3/13/2012	03/13/2012	21:22	643340	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6300	mg/L	4.2	10	4.2 1
<u>ART-2 (201203070177)</u>										Sampled on 03/06/2012 1047
EPA 314.0 - Perchlorate Sterile Filtered										
03/08/2012	17:46	642567	(EPA 314.0)	Perchlorate	54000	ug/L	0.25	4000	250	1000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
3/13/2012	03/13/2012	21:23	643340	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	9400	mg/L	4.2	10	4.2 1
<u>ART-3 (201203070178)</u>										Sampled on 03/06/2012 1220
EPA 314.0 - Perchlorate Sterile Filtered										
03/08/2012	18:08	642567	(EPA 314.0)	Perchlorate	300000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										
3/13/2012	03/13/2012	21:24	643340	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	8700	mg/L	4.2	10	4.2 1
<u>ART-4 (201203070179)</u>										Sampled on 03/06/2012 1111
EPA 314.0 - Perchlorate Sterile Filtered										
03/08/2012	18:30	642567	(EPA 314.0)	Perchlorate	380000	ug/L	0.25	40000	2500	10000
E160.1/SM2540C - Total Dissolved Solid (TDS)										

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

11/17

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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Laboratory Data
Report: 390258

Environ International Corp.

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

Samples Received on:
03/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
3/13/2012	03/13/2012	21:25	643340 (E160.1/SM2540C)	Total Dissolved Solids (TDS)	7000	mg/L	4.2	10	4.2	1	
<u>ART-6 (201203070180)</u>							Sampled on 03/06/2012 1305				
EPA 314.0 - Perchlorate Sterile Filtered											
	03/08/2012	18:53	642567 (EPA 314.0)	Perchlorate	120000	ug/L	0.25	40000	2500	10000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
3/13/2012	03/13/2012	21:26	643340 (E160.1/SM2540C)	Total Dissolved Solids (TDS)	7000	mg/L	4.2	10	4.2	1	
<u>ART-7 (201203070181)</u>							Sampled on 03/06/2012 1055				
EPA 314.0 - Perchlorate Sterile Filtered											
	03/08/2012	19:15	642567 (EPA 314.0)	Perchlorate	140000	ug/L	0.25	20000	1200	5000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
3/13/2012	03/13/2012	21:27	643340 (E160.1/SM2540C)	Total Dissolved Solids (TDS)	8600	mg/L	4.2	10	4.2	1	
<u>ART-8 (201203070182)</u>							Sampled on 03/06/2012 1123				
EPA 314.0 - Perchlorate Sterile Filtered											
	03/08/2012	19:38	642567 (EPA 314.0)	Perchlorate	200000	ug/L	0.25	20000	1200	5000	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
3/13/2012	03/13/2012	21:28	643340 (E160.1/SM2540C)	Total Dissolved Solids (TDS)	9600	mg/L	4.2	10	4.2	1	
<u>PC-99R2/R3 (201203070183)</u>							Sampled on 03/06/2012 0947				
EPA 314.0 - Perchlorate Sterile Filtered											
	03/08/2012	20:00	642567 (EPA 314.0)	Perchlorate	13000	ug/L	0.25	800	50	200	

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

Sample Quantitation Limit (SQL) =
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Report: 390258

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Samples Received on:
03/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
E160.1/SM2540C - Total Dissolved Solid (TDS)										
3/13/2012	03/13/2012	21:29	643340	(E160.1/SM2540C) Total Dissolved Solids (TDS)	4600	mg/L	4.2	10	4.2	1
<u>PC-115R (201203070184)</u>							Sampled on 03/06/2012 1014			
EPA 314.0 - Perchlorate Sterile Filtered										
	03/08/2012	20:22	642567	(EPA 314.0) Perchlorate	7600	ug/L	0.25	800	50	200
E160.1/SM2540C - Total Dissolved Solid (TDS)										
3/13/2012	03/13/2012	21:30	643340	(E160.1/SM2540C) Total Dissolved Solids (TDS)	3500	mg/L	4.2	10	4.2	1
<u>PC-116R (201203070185)</u>							Sampled on 03/06/2012 0936			
EPA 314.0 - Perchlorate Sterile Filtered										
	03/08/2012	20:45	642567	(EPA 314.0) Perchlorate	10000	ug/L	0.25	800	50	200
E160.1/SM2540C - Total Dissolved Solid (TDS)										
3/13/2012	03/13/2012	21:33	643340	(E160.1/SM2540C) Total Dissolved Solids (TDS)	4300	mg/L	4.2	10	4.2	1
<u>SF-1 (201203070186)</u>							Sampled on 03/06/2012 1025			
EPA 314.0 - Perchlorate Sterile Filtered										
	03/09/2012	00:07	642571	(EPA 314.0) Perchlorate	ND	ug/L	0.25	4	0.25	1
E160.1/SM2540C - Total Dissolved Solid (TDS)										
3/13/2012	03/13/2012	21:34	643340	(E160.1/SM2540C) Total Dissolved Solids (TDS)	5100	mg/L	4.2	10	4.2	1
<u>PC-117 (201203070187)</u>							Sampled on 03/06/2012 0917			
EPA 314.0 - Perchlorate Sterile Filtered										
	03/09/2012	01:14	642571	(EPA 314.0) Perchlorate	5500	ug/L	0.25	400	25	100

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

Sample Quantitation Limit (SQL) =
MDL * Dilution Factor



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Samples Received on:
03/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
3/13/2012	03/13/2012	21:35	643340	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	3400	mg/L	4.2	10	4.2	1
<u>PC-118 (201203070188)</u>								Sampled on 03/06/2012 0922			
EPA 314.0 - Perchlorate Sterile Filtered											
	03/09/2012	01:36	642571	(EPA 314.0)	Perchlorate	2600	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)											
3/13/2012	03/13/2012	21:36	643340	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2700	mg/L	4.2	10	4.2	1
<u>PC-119 (201203070189)</u>								Sampled on 03/06/2012 0955			
EPA 314.0 - Perchlorate Sterile Filtered											
	03/09/2012	01:59	642571	(EPA 314.0)	Perchlorate	380	ug/L	0.25	200	12	50
E160.1/SM2540C - Total Dissolved Solid (TDS)											
3/13/2012	03/13/2012	21:37	643340	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2100	mg/L	4.2	10	4.2	1
<u>PC-120 (201203070190)</u>								Sampled on 03/06/2012 0947			
EPA 314.0 - Perchlorate Sterile Filtered											
	03/09/2012	02:21	642571	(EPA 314.0)	Perchlorate	190	ug/L	0.25	80	5.0	20
E160.1/SM2540C - Total Dissolved Solid (TDS)											
3/13/2012	03/13/2012	21:38	643340	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2200	mg/L	4.2	10	4.2	1
<u>PC-121 (201203070191)</u>								Sampled on 03/06/2012 0926			
EPA 314.0 - Perchlorate Sterile Filtered											

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1702 E. Highland Ave.
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Samples Received on:
03/07/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution
03/09/2012	02:43	642571	(EPA 314.0)	Perchlorate	270	ug/L	0.25	80	5.0	20

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

3/13/2012	03/13/2012	21:39	643340	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2200	mg/L	4.2	10	4.2	1
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PC-133 (201203070192)

Sampled on 03/06/2012 1003

EPA 314.0 - Perchlorate Sterile Filtered

03/09/2012	03:06	642571	(EPA 314.0)	Perchlorate	720	ug/L	0.25	400	25	100
------------	-------	--------	-------------	-------------	-----	------	------	-----	----	-----

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

3/13/2012	03/13/2012	21:40	643340	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2400	mg/L	4.2	10	4.2	1
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ART-9 (201203070193)

Sampled on 03/06/2012 1103

EPA 314.0 - Perchlorate Sterile Filtered

03/09/2012	03:28	642571	(EPA 314.0)	Perchlorate	300000	ug/L	0.25	40000	2500	10000
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E160.1/SM2540C - Total Dissolved Solid (TDS)

3/13/2012	03/13/2012	21:41	643340	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	6900	mg/L	4.2	10	4.2	1
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MWH

LABORATORIES

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1 800 566 LABS (1 800 566 5227)

Laboratory
QC Report: 390258

Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 642567 - Perchlorate by EPA 314.0		Analysis Date: 03/08/2012							
LCS1	Perchlorate		25	25.3	ug/L	101	(85-115)		
LCS2	Perchlorate		25	24.9	ug/L	100	(85-115)	15	1.6
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	4.32	ug/L	108	(75-125)		
MS_201203080071	Perchlorate	ND	25	25.9	ug/L	104	(80-120)		
MSD_201203080071	Perchlorate	ND	25	25.8	ug/L	103	(80-120)	15	0.39
QC Ref# 642571 - Perchlorate by EPA 314.0		Analysis Date: 03/08/2012							
LCS1	Perchlorate		25	26.9	ug/L	107	(85-115)		
LCS2	Perchlorate		25	25.4	ug/L	101	(85-115)	15	5.7
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	3.82	ug/L	96	(75-125)		
MS_201203070186	Perchlorate	ND	25	26.0	ug/L	104	(80-120)		
MSD_201203070186	Perchlorate	ND	25	25.2	ug/L	101	(80-120)	15	3.1
QC Ref# 643340 - Total Dissolved Solids (TDS) by E160.1/SM2540C		Analysis Date: 03/13/2012							
DUP_201203060744	Total Dissolved Solid (TDS)	460		466	mg/L		(0-20)	20	0.86
DUP_201203060746	Total Dissolved Solid (TDS)	1500		1510	mg/L		(0-20)	20	0.66
LCS1	Total Dissolved Solid (TDS)		175	172	mg/L	98	(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	12.0	mg/L	120	(50-150)		
QC Ref# 643428 - Perchlorate by EPA 314.0		Analysis Date: 03/13/2012							
LCS1	Perchlorate		25	27.8	ug/L	111	(85-115)		
LCS2	Perchlorate		25	28.0	ug/L	112	(85-115)	15	4.5
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	4.04	ug/L	101	(75-125)		
MS_201203070371	Perchlorate	5.4	25	32.5	ug/L	108	(80-120)		
MSD_201203070371	Perchlorate	5.4	25	35.2	ug/L	119	(80-120)	15	8.0

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.

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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)