



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: 399789
Project: CWA-RCRA
Group: Monthly PC/ARP 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

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 #: 399789
 Project: CWA-RCRA
 Sample Group: Monthly PC/ARP Wells
 Project Manager: Rita S. Sprinkle
 Phone: 916-418-8358

The following samples were received from you on **June 14, 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>201206140692</u>	PC-97	06/11/2012 1027
	Perchlorate Total Dissolved Solid (TDS)	
<u>201206140693</u>	PC-90	06/11/2012 1047
	Perchlorate Total Dissolved Solid (TDS)	
<u>201206140694</u>	PC-86	06/11/2012 1108
	Perchlorate Total Dissolved Solid (TDS)	
<u>201206140695</u>	PC-91	06/11/2012 1127
	Perchlorate Total Dissolved Solid (TDS)	
<u>201206140696</u>	PC-58	06/11/2012 1148
	Perchlorate Total Dissolved Solid (TDS)	
<u>201206140697</u>	PC-56	06/11/2012 1215
	Perchlorate Total Dissolved Solid (TDS)	
<u>201206140698</u>	PC-60	06/11/2012 1230
	Perchlorate Total Dissolved Solid (TDS)	
<u>201206140699</u>	PC-59	06/11/2012 1244
	Perchlorate Total Dissolved Solid (TDS)	
<u>201206140700</u>	PC-62	06/11/2012 1303
	Perchlorate Total Dissolved Solid (TDS)	
<u>201206140701</u>	PC-68	06/11/2012 1330
	Perchlorate Total Dissolved Solid (TDS)	

Test Description



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Drive, Suite #100 Monrovia, CA. 91016.

(626) 386-1100 (800) 566-5227

MWLABS USE ONLY:

290789
n/jw
5.9

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

Nevada Environmental Response Trust

Sampler Signature: Michele Brown

Michele Brown

Nevada Environmental Response Trust
35 East Wacker Suite 1550
Chicago, IL 60606

John Pekala 602-734-7710

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

(check for yes)

SAMPLER COMMENTS

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	TDS	CL4	STERILE CL4	SAMPLER COMMENTS
1027 A	6/11/2012		PC-97				X	X	X	
1047 A	6/11/2012		PC-90				X	X	X	
1108 A	6/11/2012		PC-86				X	X	X	
1127 A	6/11/2012		PC-91				X	X	X	
1148 P	6/11/2012		PC-58				X	X	X	
1215 P	6/11/2012		PC-56				X	X	X	
1230 P	6/11/2012		PC-60				X	X	X	
1244 P	6/11/2012		PC-59				X	X	X	
103 P	6/11/2012		PC-62				X	X	X	
130 P	6/11/2012		PC-68				X	X	X	

* MATRIX TYPES:

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

Reported by Weight:

SO = Soil

SL = Sludge

SIGNATURE

Michele Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water for Nevada Environmental Response Trust

n/jw

DATE

6/13/2012

TIME

12:00 PM

6/14/12 1419

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

Kit Order for Environ International Corp.
Rita S Sprinkle is Your MWH Labs Project Manager

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

Kit #: 49797
Created AutoGenerated
Order Date: 06/01/2012
STC: Bottle Orders

Client ID: ENVIRON-NVTRUST
Project Code: CWA-RCRA Bottle Orders
Group Name: Monthly PC/ARP Wells
PO#JOB#:

Sampler: please return this paper with your samples

Ship By:
05/17/2012

Ship Sample Kits to
Veolia Water-Troxox 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 #
35	Perchlorate Sterile Filtered 1 125 ml poly + syringe, filter 125ml STERILE bottle	
35	Total Dissolved Solid (TDS) 1 500ml poly TDS - no preservative	

Comments
Monthly PC/ARP Wells - do NOT prelabel bottles Extra bottles included

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

June 29, 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 June 14, 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



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Laboratory Comments
Report: 399789



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Laboratory Data
Report: 399789

Environ International Corp.

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

Samples Received on:
06/14/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
PC-97 (201206140692)							Sampled on 06/11/2012 1027				
EPA 314.0 - Perchlorate Sterile Filtered											
	06/20/2012	08:26	659189	(EPA 314.0)	Perchlorate	2500	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)											
6/18/2012	06/18/2012	16:30	658803	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2700	mg/L	4.2	10	4.2	1
PC-90 (201206140693)							Sampled on 06/11/2012 1047				
EPA 314.0 - Perchlorate Sterile Filtered											
	06/20/2012	08:48	659189	(EPA 314.0)	Perchlorate	8000	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)											
6/18/2012	06/18/2012	16:33	658803	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	3600	mg/L	4.2	10	4.2	1
PC-86 (201206140694)							Sampled on 06/11/2012 1108				
EPA 314.0 - Perchlorate Sterile Filtered											
	06/20/2012	09:10	659189	(EPA 314.0)	Perchlorate	980	ug/L	0.25	200	12	50
E160.1/SM2540C - Total Dissolved Solid (TDS)											
6/18/2012	06/18/2012	16:34	658803	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2200	mg/L	4.2	10	4.2	1
PC-91 (201206140695)							Sampled on 06/11/2012 1127				
EPA 314.0 - Perchlorate Sterile Filtered											
	06/20/2012	09:33	659189	(EPA 314.0)	Perchlorate	3600	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)											
6/18/2012	06/18/2012	16:35	658803	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	3000	mg/L	4.2	10	4.2	1
PC-58 (201206140696)							Sampled on 06/11/2012 1148				
EPA 314.0 - Perchlorate Sterile Filtered											
	06/20/2012	09:55	659189	(EPA 314.0)	Perchlorate	2900	ug/L	0.25	400	25	100
E160.1/SM2540C - Total Dissolved Solid (TDS)											
6/18/2012	06/18/2012	16:36	658803	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	3600	mg/L	4.2	10	4.2	1
PC-56 (201206140697)							Sampled on 06/11/2012 1215				
EPA 314.0 - Perchlorate Sterile Filtered											
	06/20/2012	10:18	659189	(EPA 314.0)	Perchlorate	18000	ug/L	0.25	800	50	200
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: 399789

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Suite 412
Phoenix, AZ 85016

Samples Received on:
06/14/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
6/18/2012	06/18/2012	16:37 658803	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	5100	mg/L	4.2	10	4.2	1	
<u>PC-60 (201206140698)</u>							Sampled on 06/11/2012 1230				
EPA 314.0 - Perchlorate Sterile Filtered											
	06/20/2012	10:54 659189	(EPA 314.0)	Perchlorate	4500	ug/L	0.25	400	25	100	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
6/18/2012	06/18/2012	16:38 658803	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	2900	mg/L	4.2	10	4.2	1	
<u>PC-59 (201206140699)</u>							Sampled on 06/11/2012 1244				
EPA 314.0 - Perchlorate Sterile Filtered											
	06/20/2012	11:16 659189	(EPA 314.0)	Perchlorate	3900	ug/L	0.25	400	25	100	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
6/18/2012	06/18/2012	16:39 658803	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	3200	mg/L	4.2	10	4.2	1	
<u>PC-62 (201206140700)</u>							Sampled on 06/11/2012 1303				
EPA 314.0 - Perchlorate Sterile Filtered											
	06/20/2012	11:39 659189	(EPA 314.0)	Perchlorate	99	ug/L	0.25	40	2.5	10	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
6/18/2012	06/18/2012	16:40 658803	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	1900	mg/L	4.2	10	4.2	1	
<u>PC-68 (201206140701)</u>							Sampled on 06/11/2012 1330				
EPA 314.0 - Perchlorate Sterile Filtered											
	06/20/2012	12:01 659189	(EPA 314.0)	Perchlorate	4.8	ug/L	0.25	4	0.25	1	
E160.1/SM2540C - Total Dissolved Solid (TDS)											
6/18/2012	06/18/2012	16:41 658803	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	1900	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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Laboratory
QC Summary: 399789

Environ International Corp.

QC Ref # 658803 - Total Dissolved Solids (TDS)

201206140692	PC-97
201206140693	PC-90
201206140694	PC-86
201206140695	PC-91
201206140696	PC-58
201206140697	PC-56
201206140698	PC-60
201206140699	PC-59
201206140700	PC-62
201206140701	PC-68

Analysis Date: 06/18/2012

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

QC Ref # 659189 - Perchlorate

201206140692	PC-97
201206140693	PC-90
201206140694	PC-86
201206140695	PC-91
201206140696	PC-58
201206140697	PC-56
201206140698	PC-60
201206140699	PC-59
201206140700	PC-62
201206140701	PC-68

Analysis Date: 06/20/2012

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



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Laboratory QC
 Report: 399789

Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 658803 - Total Dissolved Solids (TDS) by E160.1/SM2540C					Analysis Date: 06/18/2012				
DUP_201206160149	Total Dissolved Solid (TDS)	250		248	mg/L		(0-20)	20	0.0
DUP_201206130399	Total Dissolved Solid (TDS)	620		630	mg/L		(0-20)	20	1.6
LCS1	Total Dissolved Solid (TDS)		175	148	mg/L	85	(80-114)		
LCS2	Total Dissolved Solid (TDS)		700	694	mg/L	99	(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# 659189 - Perchlorate by EPA 314.0					Analysis Date: 06/20/2012				
LCS1	Perchlorate		25	26.6	ug/L	106	(85-115)		
LCS2	Perchlorate		25	26.4	ug/L	106	(85-115)	15	0.76
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	3.17	ug/L	79	(75-125)		
MS_201206190060	Perchlorate	ND	25	28.3	ug/L	113	(80-120)		
MSD_201206190060	Perchlorate	ND	25	27.4	ug/L	109	(80-120)	15	3.2

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.