



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: 401392
Project: CWA-RCRA
Group: Northgate

Laboratory certifies that the test results meet all **TNI NELAP** 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 #: 401392
Project: CWA-RCRA
Sample Group: Northgate
Project Manager: Rita S. Sprinkle
Phone: 916-418-8358

The following samples were received from you on **July 03, 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
201207030186	Northshore Raod - LVW 0.55	07/02/2012 0730
	Perchlorate	

Test Description



401912

MW LABS USE ONLY:

750 Royal Oaks Avenue #100 Monrovia, CA 91016

(626) 568-6400 (800) 566-5227

SAMPLES CHECKED/LOGGED IN BY: WJS

SAMPLE TEMP, RECEIPT AT LAB: 23

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

(check for yes)

Tronox LLC

NPDES - Water Leaks / Once Thru Northshore Road - LVW 0.55

Sampler Michele Brown

Tronox LLC

PO Box

Michele Brown
(702) 651-2234

55
Henderson, NV 89009

MATRIX *

GRAB

COMP

TIME

DATE

LOCATION

IDENTIFIER, STATE ID#

MATRIX *

GRAB

COMP

7:30a

7/2/2012

Northshore Road

Northshore Road - LVW 0.55

RSW

X

Sterile Filter CLO4

X

SAMPLER COMMENTS

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

* 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

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY: Michele Brown

Michele Brown

Veolia Water NA

7/2/2012

12:00pm

RECEIVED BY:

Michele Brown

Michele Brown

much

7/3/12

1056

RELINQUISHED BY:

RECEIVED BY:

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

Origin ID: LASA



J12201205300325

Henderson, NV 89015

Ship Date: 02JUL12
ActWgt: 10.0 LB
CAD: 5135271/INET3300

Delivery Address Bar Code



SHIP TO: (626) 568-6400

BILL SENDER

Linda Geddes
Montgomery Watson Labs
750 ROYAL OAKS DR
STE 100
MONROVIA, CA 91016

Ref # weekly monthly quarterly
Invoice #
PO #
Dept #

2 of 10

TUE - 03 JUL A1
PRIORITY OVERNIGHT

MPS# 7985 7651 1085

0263

Mstr# 7985 7651 1052

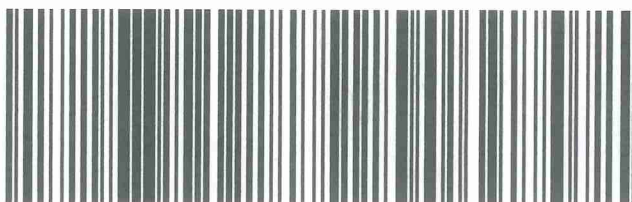
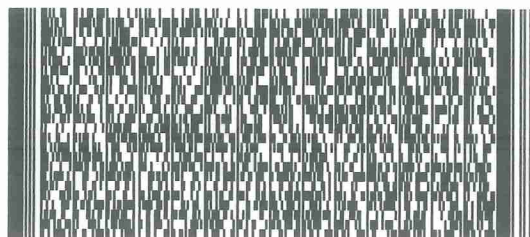
0201

91016

CA-US

BUR

QZ WHPA



515G1/E052/AA44

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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July 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 July 03, 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: 401392



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**Laboratory Data
Report: 401392**

Environ International Corp.

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

Samples Received on:
07/03/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MDL	MRL	SQL	Dilution	
Northshore Raod - LVW 0.55 (201207030186)							Sampled on 07/02/2012 0730				
EPA 314.0 - Perchlorate Sterile Filtered											
07/19/2012	11:26	663258	(EPA 314.0)	Perchlorate	42	ug/L	0.25	4	0.25	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: 401392

Environ International Corp.

QC Ref # 663258 - Perchlorate

201207030186

Northshore Raod - LVW 0.55

Analysis Date: 07/19/2012

Analyzed by: LUPE



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Laboratory QC
Report: 401392

Environ International Corp.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 663258 - Perchlorate by EPA 314.0						Analysis Date: 07/19/2012			
LCS1	Perchlorate		25	24.4	ug/L	98	(85-115)		
LCS2	Perchlorate		25	25.7	ug/L	103	(85-115)	15	5.2
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	4.75	ug/L	119	(75-125)		
MS_201207060344	Perchlorate	930000	25	1380000	ug/L	89	(80-120)		
MSD_201207060344	Perchlorate	930000	25	1400000	ug/L	94	(80-120)	15	1.4

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.