



# MWH Laboratories

A Division of MWH Americas, Inc.

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

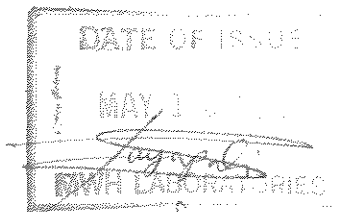
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley  
Fax: (405) 302-4607



ADE *for* Andy Eaton  
Project Manager



Report#: 203096  
Project: CLO4  
PO#: Susan Crowle

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 Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 5 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

MWLBS USE ONLY:

750 Royal Oaks Drive, Suite 100, Monrovia, CA > 91016-3629  
(626) 568-6400 (800) 566-5227

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

PROJECT JOB # / P.O.#  
Weekly Permit ClO<sub>4</sub> Compliance Samples

Tronox LLC Henderson Plant  
PO Box 55  
Henderson, NV 89009

Thomas McDaniel  
Susan Crowley (702) 651-2234

TO BE COMPLETED BY SAMPLER:  
COMPANY / PROJECT NAME  
KERRMCGEE-MP

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)										SAMPLER COMMENTS						
10:00am	4-22-thru-4-28-07		Effluent-Comp	RSW		X																	SBO- 18882
10:00am	4-22thru-4-28-07		Influent-Comp	RSW		X																	

\* MATRIX TYPES: Reported by Volume: CFW = Chlor(am)inated Finished Water FW = Other Finished Water  
Reported by Weight: SO = Soil SL = Sludge  
RGW = Raw Ground Water RW = Raw Surface Water  
CWW = Chlorinated Waste Water WW = Other Waste Water  
SW = Storm Water

RELINQUISHED BY: *Thomas McDaniel* SIGNATURE: *Thomas McDaniel* PRINT NAME: Thomas McDaniel COMPANY/TITLE: Voloia Water NA for Tronox LLC - Henderson DATE: 4/30/2007 TIME: 12:00

RECEIVED BY: *[Signature]*

RECEIVED BY: *[Signature]* DATE: *4/30/07* TIME: *10:00*



MWH Laboratories, a Division of MWH Americas, Inc.  
750 Royal Oaks Avenue Suite 100  
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

**Bottle Order for Ironox, LLC - Henderson  
Standing**

Andrew Eaton ..... Your MWL Project Manager  
(626) 386-1125 ..... Direct Phone/Voice Mail

Client Code KERRMCGEE-MP  
Project Code CLO4  
PC# / Job#  
Blanket PO  
W Weekly  
Week 1

SO# 35499 18882 RS

**Sampler: Please Return this Paper with your samples**

Created by HV

Order Date

04/09/07

Date Needed  
by Client

0

Ship Sample Kits to  
Veolia Water-Tronox LLC  
Gate 1  
8000 West Lake Mead Drive  
Henderson, NV 89015

Send Report to

Ironox, LLC Henderson Plant  
P.O. Box 55  
Henderson, NV 89009

Billing Address

Ironox, LLC  
Attn: Accounts Payable  
P.O. BOX 268859  
Oklahoma City, OK 73126-8859

Date Samples  
to Arrive at MWL

ATTN: Susan Crowley  
PHONE: 702-651-2234

ATTN: Susan Crowley  
PHONE: 702-651-2234  
FAX: 702-651-2310

**Quote#**

HV

SHIP LOCATION

# of Samples Tests

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

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
2	CLO4	1 125ml poly /no preservative AMBER IF WITH CLO3I	-	Weekly Composites at INFLUENT-COMP EFFLUENT-COMP
-	-	-	-	COC should be labeled with IDs as above.
-	-	-	-	These are in lieu of the former samples that were arriving once a month as a series of weekly composites.
-	-	-	-	adjusted to 2 samples 5/05

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

SCANNED

From: Origin ID: LASA (702)651-2230  
TRONOX LLC  
TRONOX LLC  
8000 LAKE MEAD PARKWAY  
SHIPPING DEPARTMENT  
HENDERSON, NV 89015



©1982207/2/123

Ship Date: 30APR07  
ActWgt: 10 LB  
System#: 2274147/INET7011  
Account#: S \*\*\*\*\*

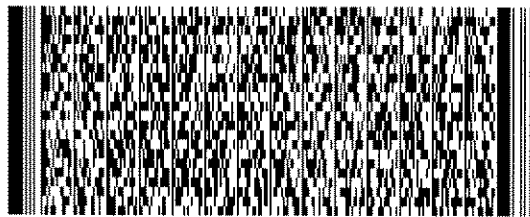
Delivery Address Bar Code



Ref # MSO #142581 - 10.0 lbs.  
Invoice #  
PO #  
Dept #

SHIP TO: (626)568-6400 **BILL SENDER**  
**ATTN: SAMPLE RECEIVING**  
**MONTGOMERY WATSON LABS**  
**750 ROYAL OAKS DR # 100**  
  
**MONROVIA, CA 910163629**

SCANNED



**PRIORITY OVERNIGHT**

**TUE**

TRK# 7996 3167 4053

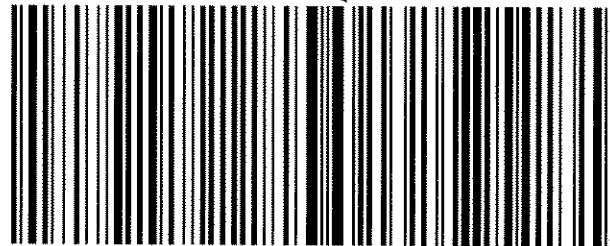
FORM 0201

Deliver By:  
01MAY07

**BUR A2**

91016 -CA-US

**QZ WHPA**



Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**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 Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 142581

RECEIVED subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading.

**From: TRONOX LLC**

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

CARRIER <b>Federal Express</b>		Date <b>04/30/07</b>	FROM NO. STATION: STATE <b>Henderson, NV 89015</b>		
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400			Authorization <b>S. CROWLEY</b>		
FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect			FULL NAME OF SHIPPER <b>TRONOX LLC</b>		
N/AR			CUSTOMER PO OR REQ'N NO.		
SHIPPED FROM <b>Henderson, NV</b>			CODE NO. WCN IS <b>1321.10400</b> if it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.		
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY		
	<b>Ice Chest with water samples</b>  <b>2 bottles – Influent, Effluent</b>         <b>Not Regulated</b>		<b>1 COOLER</b>		
TRUCK SHIPMENTS PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO    PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC – DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US.		
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT		
<b>1</b>	<b>TOTAL GROSS WEIGHT 10</b>	<b>TOTAL TARE WEIGHT 0</b>	<b>10</b>		
NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per			"Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission"		
THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.					
TRONOX LLC Shipper permanent post office address of shipper, PO Box 268859, Oklahoma City, OK 73126-8859		PER <b>Judi Durkin</b>	AGENT	PER	

**MWH Laboratories**  
 750 Royal Oaks Drive, Monrovia, CA 91016  
 PHONE: 626-386-1100/FAX: 626-386-1101

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP  
 PO#: Susan Crowley PO  
 Group#: 203096  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on **05/01/07**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2705010258	EFFLUENT-COMP	CLO4	Water	28-apr-2007 10:00:00
2705010259	INFLUENT-COMP	CLO4	Water	28-apr-2007 10:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate



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Suite 100  
Monrovia, California 91016-3629  
Tel: 626 568 6400  
Fax: 626 568 6324  
1 800 566 LABS (1 800 566 5227)

Report  
Comments  
#203096

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**Client Specific Comments**

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: \_\_\_\_\_



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 Suite 100  
 Monrovia, California 91016-3629  
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 1 800 566 LABS (1 800 566 5227)

Laboratory  
 Hits Report  
 #203096

Tronox LLC - Henderson  
 Susan Crowley  
 PO Box 55  
 Henderson , NV 89009

Samples Received  
 01-may-2007 15:00:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705010258	EFFLUENT-COMP				
	2705010259	INFLUENT-COMP				
05/03/07	Perchlorate		242000		ug/l	20000

SUMMARY OF POSITIVE DATA ONLY.





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1 800 566 LABS (1 800 566 5227)

Laboratory  
Data Report  
#203096

Tronox LLC - Henderson  
Susan Crowley  
PO Box 55  
Henderson , NV 89009

Samples Received  
05/01/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>EFFLUENT-COMP (2705010258)</b>				<b>Sampled on 04/28/07 10:00</b>				
	05/03/07 00:01	364816	( EPA 314	) Perchlorate	ND	ug/l	10	5
<b>INFLUENT-COMP (2705010259)</b>				<b>Sampled on 04/28/07 10:00</b>				
	05/03/07 00:01	364816	( EPA 314	) Perchlorate	242000	ug/l	20000	5000



**MWH Laboratories**  
A Division of MWH Americas, Inc

750 Royal Oaks Drive  
Suite 100  
Menlo Park, California 94025-3629  
Tel: 626 568 6400  
Fax: 626 568 6224  
1 800 566 LABS (1 800 566 5227)

Laboratory  
QC Summary  
#203096

Tronox LLC - Henderson

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QC Ref #364816 - Perchlorate

Analysis Date: 05/03/2007

2705010258  
2705010259

EFFLUENT-COMP  
INFLUENT-COMP

Analyzed by: raja  
Analyzed by: raja



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Fax: 626 566 6334  
1 800 566 LABS (1 800 566 5227)

Laboratory  
QC Report  
#203096

Tronox LLC - Henderson

QC Ref #364816

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	04250021	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	25.2	UGL	100.8	( 85-115 )	
LCS2	Perchlorate	25.0	25.1	UGL	100.4	( 85-115 )	
LCS3	Perchlorate	4	3.85	UGL	96.2	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.1	UGL	96.4	( 80-120 )	
MSD	Perchlorate	25.0	23.4	UGL	93.6	( 80-120 )	
RPD_LCS	Perchlorate	100.800	100.400	UGL	0.4	( 0-15 )	
RPD_MS	Perchlorate	96.400	93.600	UGL	1.0	( 0-15 )	

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.





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

**Bottle Order for Valley County Water District**

**Yolanda Martin**, Your MWL Project Manager  
(626) 386-1104 Direct Phone/Voice Mail

Client Code VALLEYCO  
Project Code DRINKING  
PO# / Job#

ProjectName

Group #
Date Sampled
Date Received

BO# 40623

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

Created by JLS

Ship Sample Kits to

Send Report to

Billing Address

Order Date 05/11/07
Date Needed by Client 05/14/07
Date Samples to Arrive at MWL

Valley County Water District  
14521 Ramona Blvd  
Baldwin Park, CA 91706

Valley County Water District  
14521 Ramona Blvd  
Baldwin Park, CA 91706

ATTN: Lynda Reese  
PHONE: (626) 856-5990

ATTN: Tom Mortenson  
PHONE: (626) 856-5990  
FAX: (626) 856-5991

UN DOT #

Comments

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

4	@TCP-524		4	40ml amber glass vials/ no preservative-Blue Caps		LABEL BOTTLES
1	@TCP-524 TB - HOLD			TRIP BLANK: 2 40ml amber glass vials/ no preservative + DI-Blue Caps		1910009-033 SP-1A: SA-1 WELL
1	@TCP-524 C		4	40ml amber gls+25mg Ascorbic-Red Caps		1910009-034 SP-1B: SA1-2Well
1	@TCP-524 TBC			TRIPBLANK: 2 40ml amb gls+25mg Ascorbic+DI H2O-Red Caps		1910009-104 SP-2 Combined PTA INF
	CHLORINATED SITE IS FOR SP-9					1910009-112 SP-3 Combined PTA Eff / ISEP
						1910009-122 SP-9 SWS Plant Eff
						Not for compliance
						adjustment made 3/19

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