



# 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)

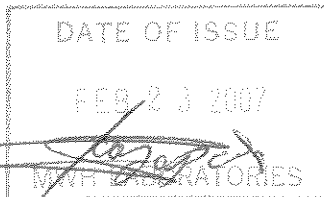
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton  
Project Manager



Report#: 195979  
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].



MWLARS USE ONLY:

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

SAMPLES CHECKED/LOGGED IN BY: FC

SAMPLE TEMP, RECEIPT AT LAB: 5°C

BLUE ICE: FROZEN  PARTIALLY FROZEN  THAWED

TO BE COMPLETED BY SAMPLER:  
 COMPANY / PROJECT NAME

KERRMCGEE-MP

PROJECT JOB # / P.O.#

Weekly Permit C104 Compliance Samples

Wendy Prescott

*Wendy Prescott*  
 Susan Crowley (702) 651-2234

Tronox LLC Henderson Plant  
 PO Box 55  
 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	C104	SAMPLER COMMENTS
10:00am	2-4-07 to 2-10-07		Effluent-Comp	RSW		X	X	SBO- 18882
10:00am	2-4-07 to 2-10-07		Influent-Comp	RSW		X	X	

\* MATRIX TYPES:

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

Reported by Weight:  
 SO = Soil  
 SL = Sludge

RGW = Raw Ground Water  
 RSW = Raw Surface Water  
 CWW = Chlorinated Waste Water  
 WW = Other Waste Water  
 SW = Storm Water

SIGNATURE

*Wendy Prescott*  
 RECEIVED BY:

PRINT NAME

Wendy Prescott

COMPANY/TITLE

Veloia Water NA for Tronox LLC - Henderson

DATE

2/12/2007

TIME

12:00

RELINQUISHED BY

*Wendy Prescott*

RECEIVED BY

*Gregory*

RELINQUISHED BY

*Faded signature*

RECEIVED BY

*Gregory*

SCANNED



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  
 (926) 386-1125..... Direct Phone/Voice Mail

Client Code KERRMCGEE-MP  
 Project Code CLO4  
 PO# / Job#  
 Blanket PO

SO# 34044 18882 RS

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

Created by 0  
 Order Date 01/08/07  
 Date Needed by Client  
 Date Samples to Arrive at MWL  
 SHIP LOCATION

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

ATTN: Susan Crowley  
 PHONE: 702-651-2234

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

**Quote#**

# 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 CLO3!		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



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: 142461

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>2/12/07</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 TRONOX LLC <b>CODE NO. WCN IS 1321.10400</b> If it moves between	
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM <b>Henderson, NV</b> 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  2 bottles - Influent, Effluent  1 Ice Chest @ 10 lbs  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>	TOTAL GROSS WEIGHT <b>10</b>	TOTAL TARE WEIGHT <b>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

**Chuck Whitney**

AGENT

PER

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



CL5012187/2123

Ship Date: 12FEB07  
ActWgt: 10 LB  
System#: 2274147/NET2600  
Account#: S \*\*\*\*\*

Delivery Address Bar Code



Ref # MSO #142461 - 10 lbs.  
Invoice #  
PO #  
Dept #

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

**PRIORITY OVERNIGHT**

**TUE**

Deliver By:  
13FEB07

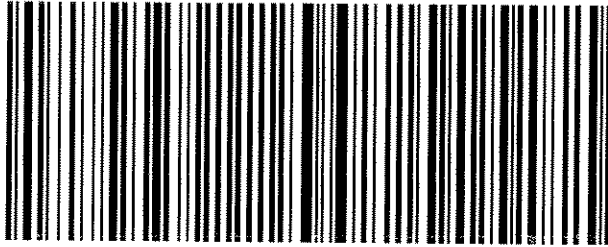
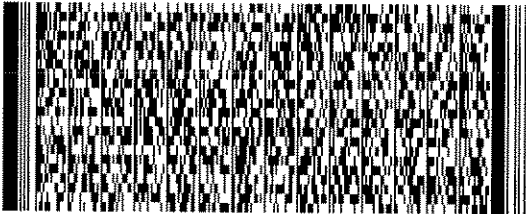
TRK# 7981 0602 4717

FORM  
0201

**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.

SCANNED

**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#: 195979  
Project#: CLO4  
Proj Mgr: Andrew Eaton  
Phone: (626) 386-1125

The following samples were received from you on **02/13/07**. 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
2702130492	EFFLUENT-COMP	CLO4	Water	10-feb-2007 10:00:00
2702130494	INFLUENT-COMP	CLO4	Water	10-feb-2007 10:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate



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Report  
Comments  
#195979

**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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Laboratory  
Hits Report  
#195979

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

Samples Received  
13-feb-2007 16:35:08

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702130492	EFFLUENT-COMP				
	2702130494	INFLUENT-COMP				
02/18/07	Perchlorate		209000		ug/l	20000





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Laboratory  
Data Report  
#195979

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

Samples Received  
02/13/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>EFFLUENT-COMP (2702130492)</b>				<b>Sampled on</b>	<b>02/10/07 10:00</b>			
	02/18/07 00:00	353777	( EPA 314	) Perchlorate	ND	ug/l	10	5
<b>INFLUENT-COMP (2702130494)</b>				<b>Sampled on</b>	<b>02/10/07 10:00</b>			
	02/18/07 00:00	353777	( EPA 314	) Perchlorate	209000	ug/l	20000	5000



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Laboratory  
QC Summary  
#195979

Tronox LLC - Henderson

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QC Ref #353777 - Perchlorate

Analysis Date: 02/18/2007

2702130492  
2702130494

EFFLUENT-COMP  
INFLUENT-COMP

Analyzed by: raja  
Analyzed by: raja



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Laboratory  
QC Report  
#195979

Tronox LLC - Henderson

QC Ref #353777

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	02130502	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	24.2	UGL	96.8	( 85-115 )	
LCS2	Perchlorate	25.0	24.3	UGL	97.2	( 85-115 )	
LCS3	Perchlorate	4	4.30	UGL	107.5	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.1	UGL	88.4	( 70-130 )	
MSD	Perchlorate	25.0	22.6	UGL	90.4	( 70-130 )	
RPD_LCS	Perchlorate	96.800	97.200	UGL	0.4	( 0-20 )	
RPD_MS	Perchlorate	88.400	90.400	UGL	2.2	( 0-20 )	

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.