



# 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)

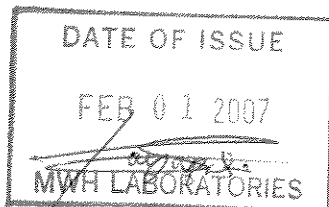
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton  
Project Manager



Report#: 194581  
Project: CL04  
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].



# CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

MW LABS USE ONLY:

750 Royal Oaks dr. Suite 100 Monrovia, Ca., 91016-3629

(626) 386-1100

(800) 566-5227

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: *[Signature]*

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: *KERRMCGEE-MP*

PROJECT JOB # / P.O.#: *Weekly Disinfects*

Sampler Signature: *Thomas McDaniel*  
*Thomas McDaniel*  
 Susan Crowley (702) 651-2234

Tronox LLC - Henderson Plant  
 PO Box 55  
 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES <input type="checkbox"/> (check for yes)						
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *		SAMPLER COMMENTS
				GRAB	COMP	
12:30	1/29/2007	EFFLUENT	RSW	X		
12:45	1/29/2007	INFLUENT	RSW	X		

*1/29/07*

\* 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

RELINQUISHED BY: *Thomas McDaniel* SIGNATURE

RECEIVED BY: *[Signature]* SIGNATURE

RELINQUISHED BY: *[Signature]* SIGNATURE

RECEIVED BY: *[Signature]* SIGNATURE

PRINT NAME: *thomas McDaniel*

COMPANY/TITLE: *Veolia Water NA for Tronox LLC - Henderson Plant*

DATE: *1/29/2007*

TIME: *1:00pm*

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 Tronox LLC- Henderson Standing**

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

Client Code KERRMCGEE-MP      W Weekly      Period  
Project Code CLO4      Week 1

**SO# 34277**      28682      RS      **Sampler: Please Return this Paper with your samples**

Created by  
Order Date **01/16/07**  
Date Needed by Client  
Date Samples to Arrive at MWL  
**SHIP LOCATION**

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

Billing Address  
Tronox LLC  
Attn: Accounts Payable  
PO BOX 268859  
Oklahoma City, OK 73126-8859

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

**Quote#**

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

UN#

# of Samples      Tests

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
2	CRVI-LOW	Label cooler: SHORT HOLDING TIME!!!! 1 250 ml poly/ 2 ml NH4SO4/NH4OH	3077	24 hour Holding TIME - please sample after 12PM and ship by priority overnight
-	-	-	-	Sampler - fill no more than 2/3 full.
-	-	-	-	For weekly INFLUENT and EFFLUENT to be sampled separately from other INFLUENT and EFFLUENT TESTS
-	-	-	-	Note to shipping - effective 7/11/06- changed to 250 ml bottle to evaluate leakage problems (be sure to use 2 ml preservative with added volume)

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

Prepared By

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



CLS842187/2123

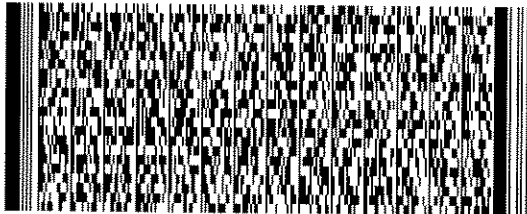
Ship Date: 29JAN07  
ActWgt: 10 LB  
System#: 2274147/NET2600  
Account#: S \*\*\*\*\*

Delivery Address Bar Code



Ref # MSO #142432 - 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**

TRK# 7922 8075 7170

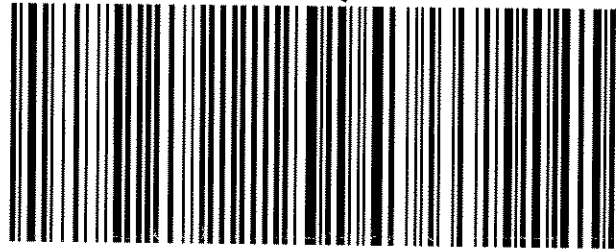
FORM 0201

Deliver By:  
30JAN07

**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.

01/29/07 11:23 AM

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: 142432

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>1/29/07</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</b>	
N/AR	CUSTOMER PO OR REQ'N NO.	1321.10400 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.	
SHIPPED FROM <b>Henderson, NV</b>			
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	<b>Weekly Discreets—Influent and Effluent CRVI Samples Not Regulated  1 cooler @ 10 lbs</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		Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. <b>TRONOX LLC</b>	
NUMBER OF PACKAGES		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.	
GROSS WEIGHT		The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement.	
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 268857, Oklahoma City, OK 73126-8857	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#: 194581  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on **01/30/07**. 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
2701300055	EFFLUENT	CRVI-LOW	Water	29-jan-2007 12:30:00
2701300056	INFLUENT	CRVI-LOW	Water	29-jan-2007 12:45:00

Test Acronym Description

Test Acronym	Description
CRVI-LOW	Hexavalent chromium(Dissolved)



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Report  
Comments  
#194581

**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  
#194581

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

Samples Received  
30-jan-2007 12:56:06

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701300055	EFFLUENT				
	2701300056	INFLUENT				
01/30/07	Hexavalent chromium(Dissolved)		0.71		ug/l	0.10

SUMMARY OF POSITIVE DATA ONLY.





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1 800 566 LABS (1 800 566 5227)

Laboratory  
Data Report  
#194581

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

Samples Received  
01/30/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>EFFLUENT (2701300055)      Sampled on 01/29/07 12:30</b>								
	01/30/07 11:44	350512	( EPA 218.6	) Hexavalent chromium(Dissolved)	ND	ug/l	0.10	1
<b>INFLUENT (2701300056)      Sampled on 01/29/07 12:45</b>								
	01/30/07 12:09	350512	( EPA 218.6	) Hexavalent chromium(Dissolved)	0.71	ug/l	0.10	1



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Laboratory  
QC Summary  
#194581

Tronox LLC - Henderson

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QC Ref #350512 - Hexavalent chromium(Dissolved)Analysis Date: 01/30/2007

2701300055  
2701300056

EFFLUENT  
INFLUENT

Analyzed by: tlh  
Analyzed by: tlh



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Laboratory  
 QC Report  
 #194581

Tronox LLC - Henderson

QC Ref #350512      Hexavalent chromium(Dissolved)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	01300055	UGL		( 0-0 )	
LCS1	Hexavalent chromium(Dissolved)	2.0	1.95	UGL	97.5	( 90-110 )	
LCS2	Hexavalent chromium(Dissolved)	2.0	2.01	UGL	100.5	( 90-110 )	
MBLK	Hexavalent chromium(Dissolved)	ND	<0.10	UGL			
MRL_CHK	Hexavalent chromium(Dissolved)	0.100	0.104	UGL	104.0	( 50-150 )	
MS	Hexavalent chromium(Dissolved)	2.0	2.18	UGL	109.0	( 90-110 )	
MSD	Hexavalent chromium(Dissolved)	2.0	2.12	UGL	106.0	( 90-110 )	
RPD_LCS	Hexavalent chromium(Dissolved)	97.500	100.500	UGL	3.0	( 0-20 )	
RPD_MS	Hexavalent chromium(Dissolved)	109.000	106.000	UGL	2.8	( 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.