



# 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#: 184939  
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].

1926H91

# CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES



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

MVLABS USE ONLY:  
LOGIN COMMENTS:  
SAMPLES CHECKED/LOGGED IN BY: [Signature]  
SAMPLE TEMP, RECEIPT AT LAB: [Signature]  
BLUE ICE: FROZEN PARTIALLY FROZEN THAWED [Signature]  
(check for yes)

TO BE COMPLETED BY SAMPLER:  
COMPANY / PROJECT NAME: KERRMOGEE-MP  
PROJECT JOB # / P.O.#: Weekly Permit ClO<sub>4</sub> Compliance Samples  
REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)										SAMPLER COMMENTS										
							1	2	3	4	5	6	7	8	9	10		11	12								
10:00am	9-17-06 to 9-23-06		Effluent-Comp	RSW		X																				SBO- 18882	
10:00am	9-17-06 to 9-23-06		Influent-Comp	RSW		X																					

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

RELINQUISHED BY: [Signature] SIGNATURE  
 RECEIVED BY: [Signature] PRINT NAME  
 COMPANY/TITLE: Velocity Water NA for Ironox LLC - Henderson  
 DATE: 9/25/2006 TIME: 12:00  
 RECEIVED BY: [Signature] PRINT NAME: [Signature]  
 DATE: 9/26/06 TIME: 10:00



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: 142206

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>09/25/06</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. <b>WCN IS</b>		
LINE NO.			TOTAL QUANTITY		
DESCRIPTION AND CLASSIFICATION			STOCK NO.		
Ice Chest with water samples  2 bottles -- Influent, Effluent  1 Ice Chest @ 9 lbs  Not Regulated			1 COOLER		
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		
1	9	0	9		
TOTAL GROSS WEIGHT			TOTAL TARE WEIGHT		
9			0		
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					
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	

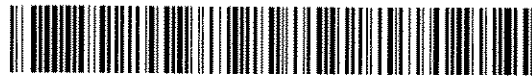
142206  
 09/25/06  
 Henderson, NV

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



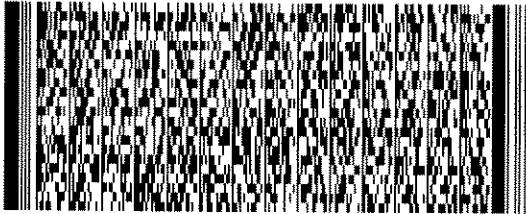
Ship Date: 25SEP06  
ActWgt: 9 LB  
System#: 2274147/INET2500  
Account#: S \*\*\*\*\*

REF: MSO #142206 - 9 LBS



Delivery Address Bar Code

SHIP TO: (626)568-6400 **BILL SENDER**  
**ATTN: MONTGOMERY LABS RECEIVING**  
**MONTGOMERY WATSON LABS**  
**750 ROYAL OAKS AVENUE**  
**#100**  
**MONROVIA, CA 91016**



**PRIORITY OVERNIGHT**

**TUE**

TRK# **7928 5466 9402**

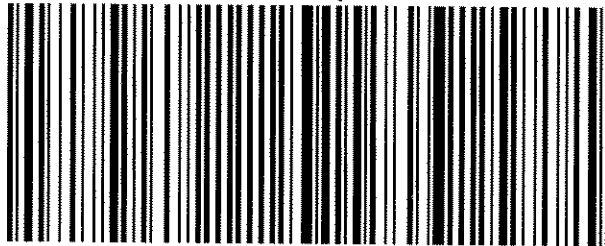
FORM  
0201

Deliver By:  
26SEP06

**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.

**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#: 184939  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on **09/26/06**. 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
2609260047	EFFLUENT-COMP	CLO4	Water	23-sep-2006 10:00:00
2609260048	INFLUENT-COMP	CLO4	Water	23-sep-2006 10:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate



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Report  
Comments  
#184939

### **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  
#184939

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

Samples Received  
26-sep-2006 11:13:47

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2609260047	EFFLUENT-COMP				
	2609260048	INFLUENT-COMP				
10/01/06	Perchlorate		260000		ug/l	20000

SUMMARY OF POSITIVE DATA ONLY.





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Laboratory  
 Data Report  
 #184939

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

Samples Received  
 09/26/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>EFFLUENT-COMP (2609260047)</b>				<b>Sampled on 09/23/06 10:00</b>				
10/01/06 00:00	335946	( EPA 314	)	Perchlorate	ND	ug/l	10	5
<b>INFLUENT-COMP (2609260048)</b>				<b>Sampled on 09/23/06 10:00</b>				
10/01/06 00:00	335946	( EPA 314	)	Perchlorate	260000	ug/l	20000	5000



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Laboratory  
QC Summary  
#184939

Tronox LLC - Henderson

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QC Ref #335946 - Perchlorate

Analysis Date: 10/01/2006

2609260047  
2609260048

EFFLUENT-COMP  
INFLUENT-COMP

Analyzed by: raja  
Analyzed by: raja

Tronox LLC - Henderson

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QC Ref #335946

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	09190489	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	27.1	UGL	108.4	( 85-115 )	
LCS2	Perchlorate	25.0	26.1	UGL	104.4	( 85-115 )	
LCS3	Perchlorate	4	3.52	UGL	88.0	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	28.7	UGL	114.8	( 70-130 )	
MSD	Perchlorate	25.0	28.7	UGL	114.8	( 70-130 )	
RPD_LCS	Perchlorate	108.400	104.400	UGL	3.8	( 0-20 )	
RPD_MS	Perchlorate	114.800	114.800	UGL	0.0	( 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.