

750 Royal Oaks Drive, Suite 100 Monrovia, California 91016-3629 Tet 626 386 1100 Faix 626 386 1101 1 800 566 LABS (1 600 566 5227)

## Laboratory Report

for

Tronox LLC - Henderson PO Box 55

Henderson , NV 89009

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

OATE OF ISSUE

ADE Andy Eaton Project Manager



Report#: 193311 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].

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## (47) MONTGOMERY WATSON LABORATORIES

# CHAIN OF CUSTODY RECORD

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		MWLABS USE ONLY:	 NTG.		THE STATE OF THE PROPERTY OF T	SAMPLES CHECKED/LOGGED IN BY:		3) - 1) - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
50 Royal Oaks Drive, Suite 100, Monrovia, CA> 91010-3029	100, Moniovia, CA> 910		<u>;</u>	-		The P + cong to the state of th		
626) 568-6400 (800)	(800) 566-5227					SAMPLE TEMP, RECEIPT AT LAB:		
					v) department and the second s	BLUE ICE: FROZEN X PARTIALLY FROZEN	THAWE	
O BE COMPLETED BY SAMPLER: TOMPANY / PROJECT NAME		PROJECT JOB#/P.O.#			REFER TO A	REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		(check for yes)
(ERRMCGEE-MP		Weekly Permit ClO, Compliance Samples	83		ANA	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)	ed for each sample lin	(9)
Nordy Physical A Deach	2 coft (702) 651-2234	Tronox LLC Henderson Plant PO Box 55 Henderson, NV 89009	rson Plant 9009		1			SAMPLER
TIME DATE	LOCATION	IDENTIFIER, STATE ID#	* XIHTAK	CRAB	CIOt			COMMENTS
10:00am 1-7-07 to 1-13-07	7.0	Effluent-Comp	RSW		X			SBO- 18882
-								
10:00am 1-7-07 to 1-13-07	10	Influent-Comp	RSW		×			
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* MATRIX TYPES:	Repo CFW FW	Reported by Volume: CFW = Chlor(am)inated Finished Water FW = Other Finished Water	/ater	RGW = 1 RSW = F	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	141
	SIGNATURE	URE."		PRINT	PRINT NAME	COMPANY/HTLE	DATE	TIME
RELINDUISHED BY:	るびるア	- The second second	Wendy Proscott	escott		Veloia Water NA for Tronox LLC - Henderson	1/15/2007	12.00
RECEIVED BY:		The state of the s			e de la composition della comp		Ulle he	III IT TO
RELINQUISHED BY:								
RECEIVED BY:	estandarde de la companya de la comp							

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PAGE

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MWH Laborato	ries, a Division of MWH Americas, Inc. <b>Bottle</b>	MWH Laboratories, a Division of MWH Americas, Inc. <b>Bottle Order for Tronox LLC. Henderson</b>	***************************************	Page 1 of 33600
Monrovia CA 91	Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124	Client Code KERRMCGEE-MP Weekly	ly Period	po
Andrew Eaton	Your MWL. Project Manager	Project Code CLO4 Week 1		
(626),386-1125		HO#/ Job#	<b></b>	
SO# 33600 18882	RS	Blanket PO		
4		Sampler: Please Return this Paper with your samples		
Created by Order Date	Sh Veolia Water	Send Report to Tronox LLC Henderson Plant	Billir	Billing Address
12/1/1/06 Date Needed by Client	Gate 1 8000 West Lake Mead Drive Henderson, NV 89015	P.O. Box. 55. Henderson, NV. 89009	Attn: Accounts P. P. BOX 268859 Oklahoma City, C	Atto: Accounts. Payable PO. BOX. 268859 Oklahoma. City., OK. 73126-8859
Date Samples to Arrive at MWL	ATTN: Susan Crowley	}		Ouote#
# of Samples Tests		FAX: 702-651-2310  Bottles-Qtv for each sample lyne & preservative if any		
		The wallest valide it ally	±50	Important Comments
2 CLO4 	1 125ml poly	125ml poly /no preservative AMBER IF WITH CLO3!		Weekly Composites at
,		1	] 	INFLUENT-COMP
1	,	ı		- ETFLUENI-COMP
		ı		COC should be labeled with IDs
		1		as above.
		ı		These are in lieu of the former
ı		ı		samples that were arriving once a
ı		ı	<b>,</b>	composites.
		ı		adjusted to 2 samples 5/05
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		1		
ActiveCode Status	Date Shipped Carrier Otv	Otv of Coolers Tracking Number		

Prepared By

Oty of Coolers Tracking Number

Carrier

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 filling or record.

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 Carner (the word Carner 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 Carnier on the route to said destination. It is mutually agreed, as to each Carnier 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 tarriff 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 tarriff 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								
Feder	ral Express				1/15		4	Henderson, NV 89015
	LABORATORIE loyal Oaks Aveni						1	Authorization S. CROWLEY
Monro	ovia, CA 91016- e: 626-568-6400	-3629					PRINCIPLE OF THE PRINCI	FULL NAME OF SHIPPER TRONOX LLC
FREIGHT								CODE NO. WCN IS
☑ Preparent	paid   Collect							1321.10400 If it moves between
N/AR		CUSTOMER PO OR REC	Q'N NO.	······································	SHIPPEL			two ports by water, the law requires that the Bill of Lading shall state whether it is
LINE NO.		DESCRIPTION AND CLASSIFICAT	TON			erson, NV		Carrier's or Shippers weight.
	Ice Chest with	water samples	TOM		STOCK NO.	1 COOLE		
Normania i	2 bottles - Influ				The second secon		WALL STATE OF THE	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
The state of the s	1 Ice Chest @	8 lbs		V Commission	- Annual			shipment without payment of freight and all other lawful charges.  TRONOX LLC
Not Regulated  TRUCK SHIPMENTS				7.000.000			E V	The description and weight indicated on this bill of Lading are correct. Subject to rerification by the Governing Weighing and repection Bureau according to Agreement.
PLACARDS			<b></b>				FO	R CHEMICAL EMERGENCY-SPILL, LEAK,
T CACAROS	NO	PLACARDS ACCE		YES NO				FIRE, EXPOSURE OR ACCIDENT  CALL CHEMTREC - DAY OR NIGHT
NUMBE	R OF PACKAGES	GROSS WEIGHT		WEIGHT	NET	WEIGHT		800-424-9300 483-7616 IN DISTRICT OF COLUMBIA
				0	147.5	WEIGHT	202	-483-7616 FROM OUTSIDE THE
				OTAL WEIGHT	8			NTINENTAL US.
NOTE: When declared value	e the rate is dependent on value, e of the properly is hereby specifi	shippers are required to state spec cally stated by the shipper to be no	cifically in writing	the agreed or declared	value of the pro	perty. The agreed	1831	ppers imprint in lieu of stamp; not a part of of of Lading approved by the Interstate nmerce Commission*
THIS IS TO C TRANSPORT	ERTIFY THAT THE ABOVE-NAM ATION ACCORDING TO THE AR	MED MATERIALS ARE PROPERLY PPLICABLE REGULATIONS OF TR	Y CLASSIFIED, I HE DEPARTMEN	DESCRIBED, PACKAG IT OF TRANSPORTAT	ED, MARKED A TON,	ND LABELED AN	D ARE IN F	PROPER CONDITION FOR
TRONOX LLC Shipper perms shipper, PO Br 73126-8857	anent post office address of ox 268857, Oklahoma City, OK	PER Chuck Whit	tney	AGENT			PER	

SHIPPER'S NUMBER: 142411

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



System#: 2274147/INET2500 Account#: S \*\*\*\*\*\*\* REF: MSO #142411

Ship Date: 15JAN07

ActWgt: 8 LB

CLS 188386/19/23

SHIP TO: (626)568-6400

**BILL SENDER** 

ATTN: MONTGOMERY LABS RECEIVING MONTGOMERY WATSON LABS 750 ROYAL OAKS AVENUE

#100

**MONROVIA, CA 91016** 



Delivery Address Bar Code

PRIORITY OVERNIGHT

TUE

TRK#

7906 5011 0642

FORM

Deliver By: 16JANÓ7 A2

**BUR** 

91016 -CA-US





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#: 193311 Project#: CLO4

Proj Mgr: Andrew Eaton Phone: (626) 386-1125

The following samples were received from you on 01/16/07. 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	
2701160040	TNEPOENT-COM	CLO4		Water		2007	10 00 00
		Tes	st Acronym	Descripti	on		
Test Ac:	ronym Desc	ription					
CLO	4 Perc	hlorate					



750 Royal Oaks Drive, Suite 100 Morrovia, California 91016-3623 Tel: 626 366 1100 Fax: 629 366 1101 1 800 566 LABS (1 800 566 5227)

Client	Specific	Comments
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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:	



Laboratory Hits Report #193311

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)

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

Samples Received 16-jan-2007 11:18:55

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701160038	EFFLUENT-COMP				
	2701160040	INFLUENT-COMP				
01/22/07	Perchlorate		240000	)	ug/l	20000



Laboratory
Data Report
#193311

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)

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

Samples Received 01/16/07

Prepared Analyzed Q	C Ref#	Method	Analyte		Result	Units	MRL	Dilution
EFFLUENT-COMP (2'01/22/07 00:01 3		60038) (EPA 314	Sampled on ) Perchlorate	01/13/07	10:00	ug/l	10	S
INFLUENT-COMP (2'		50040) (EPA 314	Sampled on ) Perchlorate	01/13/07	10:00	ug/l	20000	5000



Laboratory QC Summary #193311

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)

Tronox LLC - Henderson

QC Ref #349157 - Perchlorate

2701160038

EFFLUENT-COMP 2701160040 INFLUENT-COMP Analysis Date: 01/22/2007

Analyzed by: raja Analyzed by: raja



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

Tronox LLC - Henderson

QC Ref #349157

QC	Analyte	Spiked	Recovered	Units	574 - 3 A 75 A	
MS	Spiked sample	-		GILLES	Yield (%)	Limits (%) RPD (%)
	•	Lab # 27	01180097	UGL		( 0-0 )
LCS1	Perchlorate	25.0	27.2	UGL	100 0	,
LCS2	Perchlorate			0.91	108.8	( 85-115 )
		25.0	26.4	UGL	105.6	(85-115)
LCS3	Perchlorate	4	3.71	TICIT.	02 0	,

Perchlorate

3.71 UGL 92.8 ( 75-125 ) MBLK Perchlorate ND <4.0 UGL MS Perchlorate 25.0 26.0 UGL 104.0 ( 70-130 ) Perchlorate 25.0 27.8 UGL 111.2 ( 70-130 ) RPD\_LCS Perchlorate 108.800 105.600 UGL 3.0 ( 0-20 ) RPD\_MS Perchlorate 104.000 111.200 UGL 6.7 ( 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.