

750 Royaf Oaks Drive, Suite 100 Monrovia, California 91016-3629 Tel: 626 386 1100 Fax: 526 386 1101 1 300 566 LABS (1 800 566 5227)

## Laboratory Report

for

Tronox LLC - Henderson PO Box 55

Henderson , NV 89009

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

JAN U 3 2007

ADE Andy Eaton Project Manager



Report#: 191948 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].

## 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#: 191948 Project#: CLO4

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

The following samples were received from you on 12/27/06. 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
2612270007	TN1 POENT - COMP	: CLO4 \	Water Water	23-400 2000 30.00 00
		Test Acronym	Description	
Test Acr	onym Descr	iption		
CLO4	Perch	lorate		

LOGGED REVIEWED TAG

Jan	
B	

## MONTGOMERY WATSON LABORATORIES

# CHAIN OF CUSTODY RECORD

		MWLABS USE ONLY:			VIA JAMPAA JAMPAA AA	eren en e		1
750 Royal Oaks Drive, Suite 100, Monrovia, CA> 91016-3629	00, Monrovia, CA> 910					SAMPLES CHECKED/LOGGED IN BY:	High	*******
(626) 568-6400 (800) 5	(800) 566-5227			À		SAMPLE TEMP, RECEIPT AT LAB:	J. G. C.	**********
				1		BLUE ICE: FROZEN & PARTIALLY FROZEN THAWED	ROZEN THAWED	*******
TO BE COMPLETED BY SAMPLER: COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#			REFER TO A	REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES	S (check for yes)	***************************************
KERRMCGEE-MP		Weekly Permit CIO <sub>4</sub> Compliance Samples			ANA	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)	red for each sample line)	П
Wendy Prespit (Valendy Casan Crowley	<b>Lacot</b> (702) 651-2234	Tronox LLC Henderson Plant PO Box 55 Henderson, NV 89009	on Plant 99				SAMPLER	and the second s
TIME DATE	LOCATION	IDENTIFIER, STATE ID#	* XIXIVW	COMB	CIOt		COMMENTS	
10:00am   1-17-06 to 12-23-06	90	Effluent-Comp	RSW	×	×		SBO- 18882	82
THISTOCHAMINATOR AND THE COLUMN TO THE COLUMN TO THE COLUMN THE COLUMN TO THE COLUMN T								T
10:00am 11-17-06 to 12-23-06	90	Influent-Comp	RSW	×	X			T
		нее выполняем на применент выполняем на применент выполняем на применент выполняем на применент выполняем на п						Ī
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300,000	The state of the s							
* MATRIX TYPES:	Report Crw. FW =	Reported by Volume: CFW = Chlor(am)inated Finished Water FW = Other Finished Water		KGW = Ra	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	1
	SIGNATURE	RE		PRINT NAME	AME	COMPANY/TITLE	DATE TIME	
RELIN NSHIDELLAND	2007	ot	Weady Prescett	110:		Veloia Water NA for Tronox LLC - Henderson	12/26/2006	
RECEIVED BY:						Muse of the second	1427/26 11946	Ţ
RELINQUISHED BY:		7						
RECEIVED BY:							Water Annual Control of the Control	
	WEST AND THE PROPERTY OF THE P		The state of the s					1



#J0-5

MWH Lab	oratories, a Divisio	n of MWH Americas, Ir.	ic <b>Bottle C</b>	MWH Laboratories, a Division of MWH Americas, Inc. Bottle Order for I.ronox L.C Hengerson	***************************************		Page 1 of 33838
750 Royal Monrovia (	Oaks Avenue Suite CA 91016 (626) 386	750 Royal Oaks Avenue Suite 100 Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124	Standing 1124	Client Code KERRMCGEE-MP	W Weekly	Period	p
Andrew Eaton (626),386-1125		Your MWL Project Manager Direct Phone/Voice Mail	jer.	Project Code CLO4 PO# / Job#	Week 1		
<b>SO</b> # 3383	33838 18882 RS		ease Retur	Bianket PU Sampler: Please Return this Paper with your samples			
Created by	)	Ship Sample Kits to	ţ.	Send Report to		Billing	Billing Address
Order Date	Veolia W Gate 1	Veolia Water-Tronox LLC Gate 1		Tronox LLC Henderson Plant	************	Tronox.LLC	Tronox LLC
Date Needed by Client	8000 We: Henderse	8000 West Lake Mead Drive Henderson, NV 89015		Henderson, NV 89009		PO BOX 2688 Oklahoma City	PO BOX 268859 Oklahoma City, OK 73126-8859
Date Samples to Arrive at MWL.	ATTN: PHONE:	Susan Crowley		<u> </u>			Quote#
# of Samples	Tests		Bottles-Qty	FAX: for each sam		#5	Important Comments
2 CL04		<b>10.1.1.1.</b>	1 125ml poly /nc	125ml poly /no preservative AMBER IF WITH CLO3!		THE STATE OF THE S	Weekly Composites at
ı		•			1		INFLUENT-COMP
1			,		ŀ	***************************************	EFFLUENT-COMP
ı		•			•	1	COC should be tabaled with IDs
ı					ì		as above.
ı			•		Ē	1	These are in lieu of the former
‡		•			i	-	samples that were arriving once a month as a series of weekly
ı		•			**	1	composites.
·					i	•	adjusted to 2 samples 5/05
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1			,		1	***************************************	
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		•	,		1	Annabana	
1					i	I	
ActiveCode Status		Date Shipped	Carrier Qty o	Qty of Coolers Tracking Number	Prepared By	Andrews	

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 tiling or record.

SHIPPER'S NUMBER: 142372

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 ar all-water shipment, or (2) in the applicable motor carrier classification or tarff 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 tarfff 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		···					Date			FROM NO. STATION: STATE
Feder	al Express					1		6/06		Henderson, NV 89015
1	LABORATO		e, Suite #100							Authorization S. CROWLEY
Monro	ovia, CA 910 e: 626-568-64	016-3	629							FULL NAME OF SHIPPER TRONOX LLC
FREIGHT C		400								CODE NO. WCN IS
□ Prep		ollect	77							1321.10400 If it moves between
N/AR			CUSTOMER PO OR RE	EQ'N NO.		1		FROM erson, NV		two ports by water, the law requires that the Bill of Lading shall state whether it is
LINE NO.		DES	CRIPTION AND CLASSIFICA	TION		STOCK	7#####################################	TOTAL QUAN	UTITY	Carrier's or Shippers weight.
	Ice Chest v	vith w	ater samples					1 COOLE		
	2 bottles -									Subject to Section 7 of Conditions of applicable Bill of Lading, it 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.
	Not Regula	ted								TRONOX LLC  The description and weight indicated on this
TRUCK SHIPMENTS									The state of the s	Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement.
PLACARDS OFFERED YES PLACARDS ACCEPTED YES					YES			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	F	OR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
NO ⊠ NO				NO					CALL CHEMTREC - DAY OR NIGHT 800-424-9300	
NUMBER OF PACKAGES GROSS WEIGHT TA			TARE	WEIGHT 0	NET WEIGHT		1	483-7616 IN DISTRICT OF COLUMBIA 02-483-7616 FROM OUTSIDE THE		
			OTAL WEIGHT	9			"Shippers imprint in lieu of stamp; not a part of			
NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the adeclared value of the property is hereby specifically stated by the shipper to be not exceeding					the agreed or decla	ared value of	the pro	perty. The agreed	B	ill of Lading approved by the Interstate ommerce Commission"
									MANAGEMENT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO	Market Property and the Control of t
THIS IS TO C TRANSPORT	ERTIFY THAT THE ABO ATION ACCORDING TO	VE-NAMEI THE APPI	MATERIALS ARE PROPER ICABLE REGULATIONS OF	LY CLASSIFIED, ( THE DEPARTMEN	DESCRIBED, PACI NT OF TRANSPOR	KAGED, MAF TATION,	RKED A	ND LABELED ANU	O ARE II	N PROPER CONDITION FOR
TRONOX LLC Shipper perma shipper, PO B 73126-8857	c anent post office address ox 268857, Oklahoma Cit	of ty, OK	PER Judi Durki	in	AGENT				PER	

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

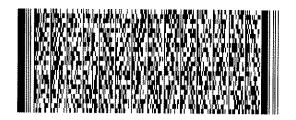


CLS 100 306/19/25

SHIP TO: (626)568-6400

BILL SENDER

ATTN: MONTGOMERY LABS RECEIVING MONTGOMERY WATSON LABS 750 ROYAL OAKS AVENUE #100 MONROVIA, CA 91016



Ship Date: 26DEC06 ActWgt: 9 LB System#: 2274147/INET2500 Account#: \$ \*\*\*\*\*\*\*\*\*

REF: MSO #142372 - 9 LBS



Delivery Address Bar Code

**PRIORITY OVERNIGHT** 

WED
Deliver By:

TRK# **7911 9776 0666** 

FORM 0201

27DEC06

BUR

A2

**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

Customer Code: KERRMCGEE-MP Henderson, NV 89009 PO#: Susan Crowley PO

Attn: Susan Crowley Group#: 191948 Phone: 702-651-2234 Project#: CLO4

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

The following samples were received from you on 12/27/06. 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# S	Sample Id Tests S	Matrix cheduled	Sample Date
2612270007 ]	NFLUENT-COMP	Water	23-dec-2006 10:00:00 23-dec-2006 10:00:00
	Test	Acronym Description	
Test Acro	onym Description		
CLO4	Perchlorate		

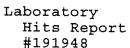




750 Royat Oaks Drive, Suite 100 Monrovia, California 91016-3629 Tel: 626 386 1100 Fax: 626 386 1101 1 800 566 LABS (1 800 566 5227)

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:
-------------------



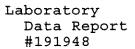


750 Royat Oaks Drive, Suite 100 Monrovis, Californa 91016-3629 Tel: 626 386 1100 Fax. 626 386 1101 1 800 566 LABS (1 800 566 5227)

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

Samples Received 27-dec-2006 10:04:13

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2612270006	EFFLUENT-COMP				
	2612270007	INFLUENT-COMP				
12/28/06	Perchlorate		231000	)	ug/l	20000

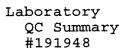




750 Royat Oaks Drive. Suite 100 Monrovia, California. 91016-3629 Tel: 626 386 1100 Fax: 626 386 1101 1 800 566 LABS (1 800 566 5227)

Tronox LLC - Henderson Susan Crowley PO Box 55 Henderson , NV 89009 Samples Received 12/27/06

Prepared Analyzed QC Ref# Method	Analyte	Re	esult Unit:	s MRL	Dilution
EFFLUENT-COMP (2612270006) 12/28/06 00:00 346287 ( EPA 314	Sampled on ) Perchlorate	12/23/06 10	:00 ND ug/	1 10	5
INFLUENT-COMP (2612270007) 12/28/06 00:00 346287 ( EPA 314	Sampled on ) Perchlorate	12/23/06 10	:00 231000 ug/	1 20000	5000





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

Tronox LLC - Henderson

QC Ref #346287 - Perchlorate

2612270006 2612270007 EFFLUENT-COMP INFLUENT-COMP

Analyzed by: raja Analyzed by: raja

Analysis Date: 12/28/2006



750 Royal Oaks Brive. 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	#346287	Perchlorate					
					*** *** (0.)	****** /6.)	RPD (%)
QC .	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	12270005	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	25.2	UGL	100.8	( 85-115 )	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	( 85-115 )	
LCS3	Perchlorate	4	4.01	UGL	100.2	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.8	ngr	91.2	( 70-130 )	
MSD	Perchlorate	25.0	23.3	UGL	93.2	( 70-130 )	
RPD_LCS	Perchlorate	100.800	96.800	UGL	4.0	( 0-20 )	
RPD_MS	Perchlorate	91.200	93.200	UGL	2.2	( 0-20 )	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by <u>Underlining</u>. 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.