



MWH Laboratories
A Division of MWH Americas, Inc

750 Royal Oaks Drive
Suite 100
Monrovia, California 91016-3629
Tel: 626 568 8400
Fax: 626 568 6304
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#: 204523
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].

204523



CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

MWLABS USE ONLY:

750 Royal Oaks Drive, Suite 100, Menlo Park, CA 94025-3629
 (650) 568-6400 (800) 566-5227

SAMPLES CHECKED/LOGGED IN BY: FW

SAMPLE TEMP, RECEIPT AT LAB: 6

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

KEFRMEE-MP

PROJECT JOB # / P.O.#

Weekly Permit CDA Compliance Samples

Thomas McDaniel
 Signature: *Thomas McDaniel*
 (707) 651-2234

Tranos LLC Henderson Plant
 PO Box 55
 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

check box

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)										SAMPLER COMMENTS								
10:00AM	5-6-07	5-1-2-07	Effluent-Comp	RSW		X	FOLD	X																SBO-18882	
10:00AM	5-6-07	5-1-2-07	Influent-Comp	RSW		X																			

MATRIX TYPES:

Reported by Volume:
 CFW - Chloraminated 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

REPORTING SIGNATURE: *Thomas McDaniel*

PRINT NAME: Thomas McDaniel

COMPANY/TITLE

DATE

TIME

REPORTING SIGNATURE: *Henry*

PRINT NAME: Henry

COMPANY/TITLE: MWL LABS

DATE: 5/14/07

TIME: 10:00



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

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

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

W Weekly

Period

Week 1

SO# 33467 RS **Sampler: Please Return this Paper with your samples**

Created by
 Order Date 12/04/06

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

Send Report to
 Ironox, LLC, Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

Billing Address
 Ironox, LLC
 Attn: Accounts Payable
 P.O. BOX 288859
 Oklahoma City, OK 73126-8859

Date Samples
 to Arrive at MWL
SHIP LOCATION

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

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

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: 142605

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 Federal Express		Date 5/14/07	FROM NO. STATION STATE Henderson, NV 89015	
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400			Authorization S. CROWLEY	
FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect			FULL NAME OF SHIPPER TRONOX LLC	
N/AR			CUSTOMER PO OR REQ'N NO.	
SHIPPED FROM Henderson, NV			CODE NO. WCN IS	
LINE NO.			STOCK NO.	
DESCRIPTION AND CLASSIFICATION Ice Chest with water samples 2 bottles – Influent, Effluent Not Regulated			TOTAL QUANTITY 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 202-463-7616 FROM OUTSIDE THE CONTINENTAL US.	
NUMBER OF PACKAGES 1	GROSS WEIGHT 10	TARE WEIGHT 0	NET WEIGHT 10	
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 268855, Oklahoma City, OK 73126-8859		PER Chuck Whitney	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#: 204523
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **05/15/07**. 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
2705150156	EFFLUENT-COMP	CLO4	Water	12-may-2007 10:00:00
2705150157	INFLUENT-COMP	CLO4	Water	12-may-2007 10:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate



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Report
Comments
#204523

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
#204523

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

Samples Received
15-may-2007 12:30:22

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705150156	EFFLUENT-COMP				
05/21/07	Perchlorate		11		ug/l	10
	2705150157	INFLUENT-COMP				



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Laboratory
Data Report
#204523

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

Samples Received
05/15/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
EFFLUENT-COMP (2705150156)				Sampled on	05/12/07 10:00			
	05/21/07 00:00	368084	(EPA 314) Perchlorate	11	ug/l	10	5
INFLUENT-COMP (2705150157)				Sampled on	05/12/07 10:00			
	05/24/07 00:00	368702	(EPA 314) Perchlorate	ND	ug/l	10	5



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Laboratory
QC Summary
#204523

Tronox LLC - Henderson

QC Ref #368084 - Perchlorate

2705150156

EFFLUENT-COMP

Analysis Date: 05/21/2007

Analyzed by: raja

QC Ref #368702 - Perchlorate

2705150157

INFLUENT-COMP

Analysis Date: 05/24/2007

Analyzed by: raja



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Laboratory
QC Report
#204523

Tronox LLC - Henderson

QC Ref #368084

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05150008	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS2	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS3	Perchlorate	4	4.08	UGL	102.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	(80-120)	
MSD	Perchlorate	25.0	24.8	UGL	99.2	(80-120)	
RPD_LCS	Perchlorate	105.600	102.800	UGL	2.7	(0-15)	
RPD_MS	Perchlorate	97.600	99.200	UGL	1.0	(0-15)	

QC Ref #368702

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05170447	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.7	UGL	102.8	(85-115)	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS3	Perchlorate	4	4.30	UGL	107.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.5	UGL	94.0	(80-120)	
MSD	Perchlorate	25.0	24.4	UGL	97.6	(80-120)	
RPD_LCS	Perchlorate	102.800	101.200	UGL	1.6	(0-15)	
RPD_MS	Perchlorate	94.000	97.600	UGL	1.0	(0-15)	

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.