



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 LARS (1 800 566 5227)

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
Sep 04 2008
MWH LABORATORIES

ADE Andy Eaton
Project Manager



Report#: 249697
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 22 page[s].



BUILDING A BETTER WORLD

September 4, 2008

Ms. Susan Crowley
Tronox
PO Box 55
Henderson, NV 89009

Subject: Case Narrative report 249697

Enclosed is MWH Laboratories Report 249697

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on August 5, 2008 with proper chain of custody. All containers were received without any visible signs of tampering or breakage at proper temperature. Samples are identified on the acknowledgement, which is part of the report package, along with the chain of custody.

Case Narrative:

For the MWH Laboratories data the following issues were observed:

Samples for hexavalent chromium were received past the RCRA 24 hour holding time.

Other observations:

Note that for ion chromatography analyses such as perchlorate, the exact analysis time is not typically shown on the report. Either a 00:00 is shown or the time of injection of the first sample in the batch.

Several samples had TDS values that were not consistent with historical data or the conductivity. Those samples was rechecked to confirm original values.

Sincerely,

A handwritten signature in cursive script that reads "Andrew Eaton".

Andrew Eaton, PhD
Project Manager



249697

750 Royal Oaks Ave. Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

M/LABS USE ONLY:
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS/SS
SAMPLE TEMP, RECEIPT AT LAB: 3

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRMCGEE-MP**
 PROJECT JOB # / P.O.#: **Tronox LLC - Henderson Plant**
 Quaterly Groundwater Sampling
 Schedule B

SAMPLER: **Michele Brown**
 LOCATION: **Tronox LLC - Henderson Plant**
 PO Box 55
 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CR 6010	PH 9040	TDS	CRV 7196	CLO3 9056	NO3 9056	See Bottle Order	SAMPLER Comments
4:11	8-4-08		PC-123	RGW	X		X	X	X	X				2 Bottles
4:25	8-4-08		PC-124	RGW	X		X	X	X	X				2 Bottles
4:37	8-4-08		PC-125	RGW	X		X	X	X	X				2 Bottles
4:50	8-4-08		PC-126	RGW	X		X	X	X	X				2 Bottles
5:03	8-4-08		PC-127	RGW	X		X	X	X	X				2 Bottles
5:18	8-4-08		PC-128	RGW	X		X	X	X	X				2 Bottles
5:34	8-4-08		PC-129	RGW	X		X	X	X	X				2 Bottles
5:52	8-4-08		PC-130	RGW	X		X	X	X	X				2 Bottles
6:08	8-4-08		PC-131	RGW	X		X	X	X	X				2 Bottles
6:24	8-4-08		PC-132	RGW	X		X	X	X	X				2 Bottles
8:51	8-4-08		M-96	RGW	X		X	X	X	X				2 Bottles
6:24	8-4-08		PC-54	RGW	X		X	X	X	X				2 Bottles

* MATRIX TYPES: **Reported by Volume:**
 CFW = Chlor(aminated) Finished Water
 FW = Other Finished Water

Reported by Weight:
 SO = Soil
 SL = Sludge

Reported by Volume:
 CWW = Chlorinated Waste Water
 WW = Other Waste Water
 SW = Storm Water

RELINQUISHED BY: Michele Brown SIGNATURE: [Signature] PRINT NAME: **Michele Brown**

RECEIVED BY: [Signature] SIGNATURE: [Signature] PRINT NAME: **JOE SANCHEZ**

RELINQUISHED BY: [Signature] SIGNATURE: [Signature] PRINT NAME: **JOE SANCHEZ**

RECEIVED BY: [Signature] SIGNATURE: [Signature] PRINT NAME: **JOE SANCHEZ**

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

DZTE: **8-4-08** TIME: **12:00PM**

DZTE: **8-5-08** TIME: **10:30**



750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS/AS

SAMPLE TEMP, RECEIPT AT LAB: 3

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#
Quatery Groundwater Sampling
Schedule B

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

SAMPLER

Michelle Brown

Michelle Brown
Susan Crowley
(702) 651-2234

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

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CR 6010	PH 9040	TDS	CLO4	CRV1 7196	CLO3 9056	NO3 9056	See Bottle Order	SAMPLER Comments
0921	8-4-08		M-48	RGW	X		X	X	X	X					2 Bottles
0923	8-4-08		PC-71	RGW	X		X	X	X	X					2 Bottles
0935	8-4-08		PC-72	RGW	X		X	X	X	X					2 Bottles
0954	8-4-08		PC-73	RGW	X		X	X	X	X					2 Bottles
0814	8-4-08		PC-37	RGW	X		X	X	X	X					2 Bottles
0834	8-4-08		M-23	RGW	X		X	X	X	X					2 Bottles
1028	8-4-08		M-95	RGW	X		X	X	X	X					2 Bottles
1000	8-4-08		M-44	RGW	X		X	X	X	X					3 Bottles
1001	8-4-08		FB-1	RGW	X		X	X	X	X					3 Bottles
—	8-4-08		MD-3	RGW	X		X	X	X	X					2 Bottles
—	8-4-08		MD-4	RGW	X		X	X	X	X					2 Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(amin)ated 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

SIGNATURE

Michelle Brown

PRINT NAME

Michelle Brown

COMPANY/TITLE

Veolia Water NA for Tronox LLC - Henderson Plant

DATE

8-4-08

TIME

12:00PM

RELINQUISHED BY:

Michelle Brown

RECEIVED BY:

Michelle Brown

RELINQUISHED BY:

Michelle Brown

RECEIVED BY:

Michelle Brown



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
 Project Code CLO4
 PO# / Job#
 Blanket PO

SO# 43379 33699 RS

Sampler: Please Return this Paper with your samples

Created by MWH

Order Date

06/23/08

Date Needed by Client

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

Send Report to

Tronox LLC-Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

Billing Address

Tronox, LLC
 P.O. Box 3049
 Livonia, MI 48150

Date Samples to Arrive at MWL

ATTN: Susan Crowley
 PHONE: 702-651-2234

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

Quote#

MWH

SHIP LOCATION

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
101	CR6010	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS
101	CLO4, TDS, PH9040	1 500 ml poly /no preservative		First, Third, and fourth quarters
15	CRV17196	1 125ml poly acid rinsed/ no preservative SHORT HOLDING TIME!!!!		NOTIFY LAB AS SOON AS CR-VI COMES IN - 24HR ht
				TDS count increased to 101 effective 6/16/06;; deleted EC as of 7-14-06

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: 143272

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 08/04/08	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 CODE NO. WCN IS 1321.10400	
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM Henderson, NV	1321.10400
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Ice chest with water samples Monitoring Wells quarterly One ice chest @ 62 Lbs One ice chest @ 48 Lbs Not Regulated		2 COOLERS
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. TRONOX LLC
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
1	TOTAL GROSS WEIGHT 110	TOTAL TARE WEIGHT 0	110
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 _____			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.
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 268859, Oklahoma City, OK 73126-8859	PER Carron Williams	AGENT	PER

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



Ship Date: 04AUG08
ActWgt: 62.0 LB
System#: 2274147/NET8061
Account#: S *****

Delivery Address Bar Code



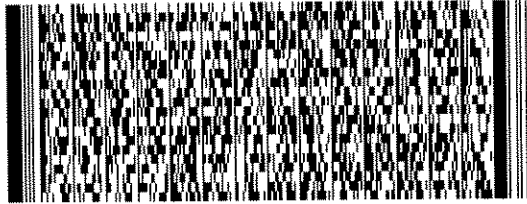
Ref # MSO #143272
Invoice #
PO #
Dept #

SHIP TO: (626) 568-6400 BILL SENDER
ATTN: SAMPLE RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS DR # 100

MONROVIA, CA 91016

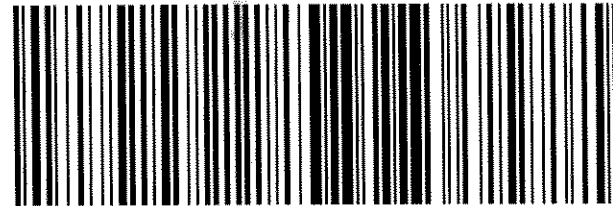
TRK# 7960 4499 7870
Q201

TUE - 05AUG A2
PRIORITY OVERNIGHT



QZ WHPA

91016
CA-US
BUR



After printing this label:

1. Use the 'Print' button on this page to print your label 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.

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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#: 249697
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **08/05/08**. 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
2808050610	PC-123	CLO4 CR6010	Water P PH9040	04-aug-2008 04:11:00 T TDS
2808050611	PC-124	CLO4 CR6010	Water P PH9040	04-aug-2008 04:25:00 T TDS
2808050612	PC-125	CLO4 CR6010	Water P PH9040	04-aug-2008 04:37:00 T TDS
2808050613	PC-126	CLO4 CR6010	Water P PH9040	04-aug-2008 04:50:00 T TDS
2808050614	PC-127	CLO4 CR6010	Water P PH9040	04-aug-2008 05:03:00 T TDS
2808050615	PC-128	CLO4 CR6010	Water P PH9040	04-aug-2008 05:18:00 T TDS
2808050616	PC-129	CLO4 CR6010	Water P PH9040	04-aug-2008 05:34:00 T TDS
2808050617	PC-130	CLO4 CR6010	Water P PH9040	04-aug-2008 05:52:00 T TDS
2808050618	PC-131	CLO4 CR6010	Water P PH9040	04-aug-2008 06:08:00 T TDS
2808050619	PC-132	CLO4 CR6010	Water P PH9040	04-aug-2008 06:24:00 T TDS
2808050620	M-96	CLO4 CR6010	Water P PH9040	04-aug-2008 08:51:00 T TDS
2808050621	PC-54	CLO4 CR6010	Water P PH9040	04-aug-2008 06:52:00 T TDS
2808050622	M-48	CLO4 CR6010	Water P PH9040	04-aug-2008 09:21:00 T TDS
2808050623	PC-71	CLO4 CR6010	Water P PH9040	04-aug-2008 07:23:00 T TDS
2808050624	PC-72	CLO4 CR6010	Water P PH9040	04-aug-2008 07:35:00 T TDS
2808050625	PC-73	CLO4 CR6010	Water P PH9040	04-aug-2008 07:54:00 T TDS
2808050626	PC-37	CLO4 CR6010	Water P PH9040	04-aug-2008 08:14:00 T TDS

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#: 249697
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2808050627	M-23	CLO4	Water	04-aug-2008 08:34:00
		CR6010	P	PH9040 TDS
2808050628	M-95	CLO4	Water	04-aug-2008 10:30:00
		CR6010	CRVI7196 P	PH9040 T
		TDS		
2808050629	M-44	CLO4	Water	04-aug-2008 10:00:00
		CR6010	CRVI7196 P	PH9040 T
		TDS		
2808050630	FB-1	CLO4	Water	04-aug-2008 10:01:00
		CR6010	CRVI7196 P	PH9040 T
		TDS		
2808050631	MD-3	CLO4	Water	04-aug-2008 00:00:00
		CR6010	P	PH9040 TDS
2808050632	MD-4	CLO4	Water	04-aug-2008 00:00:00
		CR6010	P	PH9040 TDS

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
CRVI7196	Hexavalent chromium (Cr VI)
P	Metals sample pH
PH9040	PH (H3=past HT, not compliant)
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)



MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
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1 800 566 LABS (1 800 566 5227)

Report
Comments
#249697

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.

Signature: _____



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Laboratory
Hits Report
#249697

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

Samples Received
05-aug-2008 19:59:32

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2808050610	PC-123				
08/17/08		Chromium, Total, ICAP	1.8		mg/l	0.020
08/15/08		Metals digestion performed.	Y		Yes/No	
08/07/08		PH (H3=past HT, not compliant)	7.6		Units	0.0010
08/12/08		Perchlorate	415000		ug/l	20000
08/06/08		Total Dissolved Solid (TDS)	5030	500	mg/l	10
	2808050611	PC-124				
08/17/08		Chromium, Total, ICAP	0.026		mg/l	0.020
08/15/08		Metals digestion performed.	Y		Yes/No	
08/07/08		PH (H3=past HT, not compliant)	7.6		Units	0.0010
08/14/08		Perchlorate	4580		ug/l	400
08/06/08		Total Dissolved Solid (TDS)	6190	500	mg/l	10
	2808050612	PC-125				
08/17/08		Chromium, Total, ICAP	0.033		mg/l	0.020
08/15/08		Metals digestion performed.	Y		Yes/No	
08/07/08		PH (H3=past HT, not compliant)	7.6		Units	0.0010
08/14/08		Perchlorate	5780		ug/l	400
08/06/08		Total Dissolved Solid (TDS)	6950	500	mg/l	10
	2808050613	PC-126				
08/17/08		Chromium, Total, ICAP	0.10		mg/l	0.020
08/15/08		Metals digestion performed.	Y		Yes/No	
08/07/08		PH (H3=past HT, not compliant)	7.4		Units	0.0010
08/14/08		Perchlorate	12700		ug/l	800
08/06/08		Total Dissolved Solid (TDS)	11600	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



750 Royal Oaks Drive, Suite 100
 Monrovia, California 91016-3629
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 1 800 566 LABS (1 800 566 5227)

Laboratory
 Hits Report
 #249697

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

Samples Received
 05-aug-2008 19:59:32

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2808050614	PC-127				
	2808050614	PC-127				
08/17/08		Chromium, Total, ICAP	1.8		mg/l	0.020
08/15/08		Metals digestion performed.	Y		Yes/No	
08/07/08		PH (H3=past HT, not compliant)	7.6		Units	0.0010
08/14/08		Perchlorate	438000		ug/l	20000
08/06/08		Total Dissolved Solid (TDS)	7450	500	mg/l	10
	2808050615	PC-128				
08/17/08		Chromium, Total, ICAP	0.15		mg/l	0.020
08/15/08		Metals digestion performed.	Y		Yes/No	
08/07/08		PH (H3=past HT, not compliant)	7.7		Units	0.0010
08/14/08		Perchlorate	198000		ug/l	8000
08/06/08		Total Dissolved Solid (TDS)	5610	500	mg/l	10
	2808050616	PC-129				
08/17/08		Chromium, Total, ICAP	0.70		mg/l	0.020
08/15/08		Metals digestion performed.	Y		Yes/No	
08/07/08		PH (H3=past HT, not compliant)	7.6		Units	0.0010
08/14/08		Perchlorate	418000		ug/l	20000
08/06/08		Total Dissolved Solid (TDS)	7660	500	mg/l	10
	2808050617	PC-130				
08/17/08		Chromium, Total, ICAP	0.78		mg/l	0.020
08/15/08		Metals digestion performed.	Y		Yes/No	
08/07/08		PH (H3=past HT, not compliant)	7.6		Units	0.0010

SUMMARY OF POSITIVE DATA ONLY.



MWH Laboratories

A Division of MWH Americas, Inc.

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Monrovia, California 91016-3629
Tel: 626 396 1100
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1 800 566 LABS (1 800 566 5227)

Laboratory
Hits Report
#249697

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

Samples Received
05-aug-2008 19:59:32

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2808050617	PC-130				
08/14/08	Perchlorate		458000		ug/l	20000
08/06/08	Total Dissolved Solid (TDS)		6710	500	mg/l	10
	2808050618	PC-131				
08/15/08	Metals digestion performed.		Y		Yes/No	
08/07/08	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/14/08	Perchlorate		7830		ug/l	800
08/06/08	Total Dissolved Solid (TDS)		7200	500	mg/l	10
	2808050619	PC-132				
08/15/08	Metals digestion performed.		Y		Yes/No	
08/07/08	PH (H3=past HT, not compliant)		7.6		Units	0.0010
08/14/08	Perchlorate		2420		ug/l	200
08/06/08	Total Dissolved Solid (TDS)		5950	500	mg/l	10
	2808050620	M-96				
08/17/08	Chromium, Total, ICAP		1.2		mg/l	0.020
08/15/08	Metals digestion performed.		Y		Yes/No	
08/07/08	PH (H3=past HT, not compliant)		7.7		Units	0.0010
08/14/08	Perchlorate		312000		ug/l	20000
08/06/08	Total Dissolved Solid (TDS)		6490	500	mg/l	10
	2808050621	PC-54				
08/17/08	Chromium, Total, ICAP		2.2		mg/l	0.020
08/15/08	Metals digestion performed.		Y		Yes/No	
08/07/08	PH (H3=past HT, not compliant)		7.6		Units	0.0010

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Laboratory
Hits Report
#249697

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

Samples Received
05-aug-2008 19:59:32

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2808050621	PC-54				
08/14/08	Perchlorate		276000		ug/l	20000
08/06/08	Total Dissolved Solid (TDS)		6270	500	mg/l	10
	2808050622	M-48				
08/17/08	Chromium, Total, ICAP		1.5		mg/l	0.020
08/15/08	Metals digestion performed.		Y		Yes/No	
08/07/08	PH (H3=past HT, not compliant)		7.8		Units	0.0010
08/14/08	Perchlorate		225000		ug/l	20000
08/06/08	Total Dissolved Solid (TDS)		3270	500	mg/l	10
	2808050623	PC-71				
08/17/08	Chromium, Total, ICAP		0.39		mg/l	0.020
08/15/08	Metals digestion performed.		Y		Yes/No	
08/07/08	PH (H3=past HT, not compliant)		7.6		Units	0.0010
08/14/08	Perchlorate		468000		ug/l	40000
08/06/08	Total Dissolved Solid (TDS)		8270	500	mg/l	10
	2808050624	PC-72				
08/17/08	Chromium, Total, ICAP		0.28		mg/l	0.020
08/15/08	Metals digestion performed.		Y		Yes/No	
08/06/08	PH (H3=past HT, not compliant)		7.6		Units	0.0010
08/14/08	Perchlorate		293000		ug/l	20000
08/06/08	Total Dissolved Solid (TDS)		7880	500	mg/l	10
	2808050625	PC-73				
08/17/08	Chromium, Total, ICAP		0.40		mg/l	0.010

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 05-aug-2008 19:59:32

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2808050625	PC-73				
08/15/08		Metals digestion performed.	Y		Yes/No	
08/06/08		PH (H3=past HT, not compliant)	7.5		Units	0.0010
08/14/08		Perchlorate	358000		ug/l	20000
08/06/08		Total Dissolved Solid (TDS)	6270	500	mg/l	10
	2808050626	PC-37				
08/17/08		Chromium, Total, ICAP	0.18		mg/l	0.020
08/15/08		Metals digestion performed.	Y		Yes/No	
08/06/08		PH (H3=past HT, not compliant)	7.5		Units	0.0010
08/14/08		Perchlorate	319000		ug/l	20000
08/06/08		Total Dissolved Solid (TDS)	6810	500	mg/l	10
	2808050627	M-23				
08/17/08		Chromium, Total, ICAP	0.77		mg/l	0.010
08/15/08		Metals digestion performed.	Y		Yes/No	
08/07/08		PH (H3=past HT, not compliant)	7.7		Units	0.0010
08/14/08		Perchlorate	493000		ug/l	20000
08/06/08		Total Dissolved Solid (TDS)	5260	500	mg/l	10
	2808050628	M-95				
08/17/08		Chromium, Total, ICAP	1.3		mg/l	0.020
08/05/08		Hexavalent chromium (Cr VI)	1.3		mg/l	0.050
08/15/08		Metals digestion performed.	Y		Yes/No	
08/07/08		PH (H3=past HT, not compliant)	7.7		Units	0.0010
08/14/08		Perchlorate	508000		ug/l	40000
08/06/08		Total Dissolved Solid (TDS)	7390	500	mg/l	10

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Samples Received
 05-aug-2008 19:59:32

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2808050629	M-44				
	2808050629	M-44				
08/17/08		Chromium, Total, ICAP	0.84		mg/l	0.020
08/05/08		Hexavalent chromium (Cr VI)	0.81		mg/l	0.025
08/15/08		Metals digestion performed.	Y		Yes/No	
08/07/08		PH (H3=past HT, not compliant)	7.6		Units	0.0010
08/14/08		Perchlorate	720000		ug/l	40000
08/06/08		Total Dissolved Solid (TDS)	7930	500	mg/l	10
	2808050630	FB-1				
08/15/08		Metals digestion performed.	Y		Yes/No	
08/07/08		PH (H3=past HT, not compliant)	5.9		Units	0.0010
	2808050631	MD-3				
08/18/08		Chromium, Total, ICAP	0.39		mg/l	0.020
08/15/08		Metals digestion performed.	Y		Yes/No	
08/06/08		PH (H3=past HT, not compliant)	7.5		Units	0.0010
08/14/08		Perchlorate	451000		ug/l	20000
08/06/08		Total Dissolved Solid (TDS)	8050	500	mg/l	10
	2808050632	MD-4				
08/18/08		Chromium, Total, ICAP	0.80		mg/l	0.010
08/15/08		Metals digestion performed.	Y		Yes/No	
08/06/08		PH (H3=past HT, not compliant)	7.6		Units	0.0010
08/14/08		Perchlorate	514000		ug/l	40000
08/06/08		Total Dissolved Solid (TDS)	4720	500	mg/l	10

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Tronox LLC - Henderson
Susan Crowley
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Samples Received
05-aug-2008 19:59:32

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2808050632	MD-4				



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Data Report
#249697

Tronox LLC - Henderson
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Samples Received
08/05/08

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-123 (2808050610) Sampled on 08/04/08 04:11								
	08/12/08 16:10	444058	(EPA 314)	Perchlorate	415000	ug/l	20000	5000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	1.8	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 14:14	443189	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/08	08/06/08 16:00	443151	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5030	mg/l	10	1
PC-124 (2808050611) Sampled on 08/04/08 04:25								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	4580	ug/l	400	100
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	0.026	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 14:14	443189	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6190	mg/l	10	1
PC-125 (2808050612) Sampled on 08/04/08 04:37								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	5780	ug/l	400	100
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	0.033	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 14:14	443189	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6950	mg/l	10	1
PC-126 (2808050613) Sampled on 08/04/08 04:50								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	12700	ug/l	800	200
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	0.10	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 14:14	443189	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	11600	mg/l	10	1



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Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-127 (2808050614) Sampled on 08/04/08 05:03								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	438000	ug/l	20000	5000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	1.8	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 14:14	443189	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7450	mg/l	10	1
PC-128 (2808050615) Sampled on 08/04/08 05:18								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	198000	ug/l	8000	2000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	0.15	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 14:14	443189	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5610	mg/l	10	1
PC-129 (2808050616) Sampled on 08/04/08 05:34								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	418000	ug/l	20000	5000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	0.70	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 14:14	443189	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7660	mg/l	10	1
PC-130 (2808050617) Sampled on 08/04/08 05:52								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	458000	ug/l	20000	5000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	0.78	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 14:14	443189	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6710	mg/l	10	1
PC-131 (2808050618) Sampled on 08/04/08 06:08								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	7830	ug/l	800	200
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 14:14	443189	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7200	mg/l	10	1



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Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-132 (2808050619) Sampled on 08/04/08 06:24								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	2420	ug/l	200	50
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 16:05	443190	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5950	mg/l	10	1
M-96 (2808050620) Sampled on 08/04/08 08:51								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	312000	ug/l	20000	5000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	1.2	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 16:05	443190	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6490	mg/l	10	1
PC-54 (2808050621) Sampled on 08/04/08 06:52								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	276000	ug/l	20000	5000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	2.2	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 16:05	443190	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6270	mg/l	10	1
M-48 (2808050622) Sampled on 08/04/08 09:21								
	08/14/08 15:19	444336	(EPA 314)	Perchlorate	225000	ug/l	20000	5000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	1.5	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 16:05	443190	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3270	mg/l	10	1
PC-71 (2808050623) Sampled on 08/04/08 07:23								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	468000	ug/l	40000	10000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	0.39	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 16:05	443190	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8270	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-72 (2808050624) Sampled on 08/04/08 07:35								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	293000	ug/l	20000	5000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	0.28	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/08 13:27	443167	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7880	mg/l	10	1
PC-73 (2808050625) Sampled on 08/04/08 07:54								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	358000	ug/l	20000	5000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	0.40	mg/l	0.010	1
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/08 13:27	443167	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6270	mg/l	10	1
PC-37 (2808050626) Sampled on 08/04/08 08:14								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	319000	ug/l	20000	5000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	0.18	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/08 13:27	443167	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6810	mg/l	10	1
M-23 (2808050627) Sampled on 08/04/08 08:34								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	493000	ug/l	20000	5000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	0.77	mg/l	0.010	1
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 16:05	443190	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5260	mg/l	10	1
M-95 (2808050628) Sampled on 08/04/08 10:30								
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	508000	ug/l	40000	10000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	1.3	mg/l	0.020	2
	08/05/08 18:02	442725	(ML/EPA 7196)	Hexavalent chromium (Cr VI)	1.3	mg/l	0.050	10
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 16:05	443190	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7390	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-44 (2808050629)				Sampled on 08/04/08 10:00				
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	720000	ug/l	40000	10000
08/15/08	08/17/08 00:00	445529	(ML/EPA 6010B)	Chromium, Total, ICAP	0.84	mg/l	0.020	2
	08/05/08 18:02	442725	(ML/EPA 7196)	Hexavalent chromium (Cr VI)	0.81	mg/l	0.025	5
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 16:05	443190	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7930	mg/l	10	1
FB-1 (2808050630)				Sampled on 08/04/08 10:01				
	08/14/08 03:44	444265	(EPA 314)	Perchlorate	ND	ug/l	4.0	1
08/15/08	08/18/08 00:00	445530	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/05/08 18:02	442725	(ML/EPA 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.0050	1
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/07/08 16:05	443190	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	5.9	Units	0.0010	1
08/06/08	08/06/08 09:30	444184	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1
MD-3 (2808050631)				Sampled on 08/04/08 00:00				
	08/14/08 15:19	444336	(EPA 314)	Perchlorate	451000	ug/l	20000	5000
08/15/08	08/18/08 00:00	445530	(ML/EPA 6010B)	Chromium, Total, ICAP	0.39	mg/l	0.020	2
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/08 13:27	443167	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/06/08	08/06/08 14:30	443860	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8050	mg/l	10	1
MD-4 (2808050632)				Sampled on 08/04/08 00:00				
	08/14/08 15:19	444336	(EPA 314)	Perchlorate	514000	ug/l	40000	10000
08/15/08	08/18/08 00:00	445530	(ML/EPA 6010B)	Chromium, Total, ICAP	0.80	mg/l	0.010	1
	08/15/08 15:28		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/08 13:27	443167	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/08	08/06/08 14:30	443860	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4720	mg/l	10	1



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Laboratory
QC Summary
#249697

Tronox LLC - Henderson

QC Ref #0

- Metals Turbidity

Analysis Date: 08/06/2008

2808050610	PC-123	Analyzed by: jrf
2808050610	PC-123	Analyzed by: jrf
2808050611	PC-124	Analyzed by: jrf
2808050611	PC-124	Analyzed by: jrf
2808050612	PC-125	Analyzed by: jrf
2808050612	PC-125	Analyzed by: jrf
2808050613	PC-126	Analyzed by: jrf
2808050613	PC-126	Analyzed by: jrf
2808050614	PC-127	Analyzed by: jrf
2808050614	PC-127	Analyzed by: jrf
2808050615	PC-128	Analyzed by: jrf
2808050615	PC-128	Analyzed by: jrf
2808050616	PC-129	Analyzed by: jrf
2808050616	PC-129	Analyzed by: jrf
2808050617	PC-130	Analyzed by: jrf
2808050617	PC-130	Analyzed by: jrf
2808050618	PC-131	Analyzed by: jrf
2808050618	PC-131	Analyzed by: jrf
2808050619	PC-132	Analyzed by: jrf
2808050619	PC-132	Analyzed by: jrf
2808050620	M-96	Analyzed by: jrf
2808050620	M-96	Analyzed by: jrf
2808050621	PC-54	Analyzed by: jrf
2808050621	PC-54	Analyzed by: jrf
2808050622	M-48	Analyzed by: jrf
2808050622	M-48	Analyzed by: jrf
2808050623	PC-71	Analyzed by: jrf
2808050623	PC-71	Analyzed by: jrf
2808050624	PC-72	Analyzed by: jrf
2808050624	PC-72	Analyzed by: jrf
2808050625	PC-73	Analyzed by: jrf
2808050625	PC-73	Analyzed by: jrf
2808050626	PC-37	Analyzed by: jrf
2808050626	PC-37	Analyzed by: jrf
2808050627	M-23	Analyzed by: jrf
2808050627	M-23	Analyzed by: jrf
2808050628	M-95	Analyzed by: jrf
2808050628	M-95	Analyzed by: jrf
2808050629	M-44	Analyzed by: jrf
2808050629	M-44	Analyzed by: jrf
2808050630	FB-1	Analyzed by: jrf
2808050630	FB-1	Analyzed by: jrf
2808050631	MD-3	Analyzed by: jrf



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Laboratory
QC Summary
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Tronox LLC - Henderson
(continued)

2808050631	MD-3	Analyzed by: jrf
2808050632	MD-4	Analyzed by: jrf
2808050632	MD-4	Analyzed by: jrf

QC Ref #442725 - Hexavalent chromium (Cr VI) Analysis Date: 08/05/2008

2808050628	M-95	Analyzed by: azs
2808050629	M-44	Analyzed by: azs
2808050630	FB-1	Analyzed by: azs

QC Ref #443151 - Total Dissolved Solid (TDS) Analysis Date: 08/06/2008

2808050610	PC-123	Analyzed by: axa
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QC Ref #443167 - PH (H3=past HT, not compliant) Analysis Date: 08/06/2008

2808050624	PC-72	Analyzed by: yvette
2808050625	PC-73	Analyzed by: yvette
2808050626	PC-37	Analyzed by: yvette
2808050631	MD-3	Analyzed by: yvette
2808050632	MD-4	Analyzed by: yvette

QC Ref #443189 - PH (H3=past HT, not compliant) Analysis Date: 08/07/2008

2808050610	PC-123	Analyzed by: yvette
2808050611	PC-124	Analyzed by: yvette
2808050612	PC-125	Analyzed by: yvette
2808050613	PC-126	Analyzed by: yvette
2808050614	PC-127	Analyzed by: yvette
2808050615	PC-128	Analyzed by: yvette
2808050616	PC-129	Analyzed by: yvette
2808050617	PC-130	Analyzed by: yvette
2808050618	PC-131	Analyzed by: yvette



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Tronox LLC - Henderson
(continued)

QC Ref #443190 - PH (H3=past HT, not compliant) Analysis Date: 08/07/2008

2808050619	PC-132	Analyzed by: yvette
2808050620	M-96	Analyzed by: yvette
2808050621	PC-54	Analyzed by: yvette
2808050622	M-48	Analyzed by: yvette
2808050623	PC-71	Analyzed by: yvette
2808050627	M-23	Analyzed by: yvette
2808050628	M-95	Analyzed by: yvette
2808050629	M-44	Analyzed by: yvette
2808050630	FB-1	Analyzed by: yvette

QC Ref #443860 - Total Dissolved Solid (TDS) Analysis Date: 08/06/2008

2808050631	MD-3	Analyzed by: axa
2808050632	MD-4	Analyzed by: axa

QC Ref #444058 - Perchlorate Analysis Date: 08/12/2008

2808050610	PC-123	Analyzed by: ser
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QC Ref #444184 - Total Dissolved Solid (TDS) Analysis Date: 08/06/2008

2808050611	PC-124	Analyzed by: axa
2808050612	PC-125	Analyzed by: axa
2808050613	PC-126	Analyzed by: axa
2808050614	PC-127	Analyzed by: axa
2808050615	PC-128	Analyzed by: axa
2808050616	PC-129	Analyzed by: axa
2808050617	PC-130	Analyzed by: axa
2808050618	PC-131	Analyzed by: axa
2808050619	PC-132	Analyzed by: axa
2808050620	M-96	Analyzed by: axa
2808050621	PC-54	Analyzed by: axa
2808050622	M-48	Analyzed by: axa
2808050623	PC-71	Analyzed by: axa
2808050624	PC-72	Analyzed by: axa
2808050625	PC-73	Analyzed by: axa
2808050626	PC-37	Analyzed by: axa



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Tronox LLC - Henderson
(continued)

2808050627	M-23	Analyzed by: axa
2808050628	M-95	Analyzed by: axa
2808050629	M-44	Analyzed by: axa
2808050630	FB-1	Analyzed by: axa

QC Ref #444265 - Perchlorate

Analysis Date: 08/14/2008

2808050611	PC-124	Analyzed by: ser
2808050612	PC-125	Analyzed by: ser
2808050613	PC-126	Analyzed by: ser
2808050614	PC-127	Analyzed by: ser
2808050615	PC-128	Analyzed by: ser
2808050616	PC-129	Analyzed by: ser
2808050617	PC-130	Analyzed by: ser
2808050618	PC-131	Analyzed by: ser
2808050619	PC-132	Analyzed by: ser
2808050620	M-96	Analyzed by: ser
2808050621	PC-54	Analyzed by: ser
2808050623	PC-71	Analyzed by: ser
2808050624	PC-72	Analyzed by: ser
2808050625	PC-73	Analyzed by: ser
2808050626	PC-37	Analyzed by: ser
2808050627	M-23	Analyzed by: ser
2808050628	M-95	Analyzed by: ser
2808050629	M-44	Analyzed by: ser
2808050630	FB-1	Analyzed by: ser

QC Ref #444336 - Perchlorate

Analysis Date: 08/14/2008

2808050622	M-48	Analyzed by: ser
2808050631	MD-3	Analyzed by: ser
2808050632	MD-4	Analyzed by: ser

QC Ref #445529 - Chromium, Total, ICAP

Analysis Date: 08/17/2008

2808050610	PC-123	Analyzed by: csk
2808050611	PC-124	Analyzed by: csk
2808050612	PC-125	Analyzed by: csk
2808050613	PC-126	Analyzed by: csk
2808050614	PC-127	Analyzed by: csk
2808050615	PC-128	Analyzed by: csk



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Laboratory
QC Summary
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Tronox LLC - Henderson
(continued)

2808050616	PC-129	Analyzed by: csk
2808050617	PC-130	Analyzed by: csk
2808050618	PC-131	Analyzed by: csk
2808050619	PC-132	Analyzed by: csk
2808050620	M-96	Analyzed by: csk
2808050621	PC-54	Analyzed by: csk
2808050622	M-48	Analyzed by: csk
2808050623	PC-71	Analyzed by: csk
2808050624	PC-72	Analyzed by: csk
2808050625	PC-73	Analyzed by: csk
2808050626	PC-37	Analyzed by: csk
2808050627	M-23	Analyzed by: csk
2808050628	M-95	Analyzed by: csk
2808050629	M-44	Analyzed by: csk

QC Ref #445530 - Chromium, Total, ICAP

Analysis Date: 08/18/2008

2808050630	FB-1	Analyzed by: csk
2808050631	MD-3	Analyzed by: csk
2808050632	MD-4	Analyzed by: csk



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Laboratory
QC Report
#249697

Tronox LLC - Henderson

QC Ref #442725 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	08050630	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.054	MGL	108.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.054	MGL	108.0	(85-115)	
MBLK	Hexavalent chromium (Cr VI)	ND	<0.0050	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.006	MGL	120.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	0.05	0.053	MGL	106.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.05	0.053	MGL	106.0	(70-130)	

QC Ref #443151 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	08040050	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	358	358	MGL		(0-10)	0.0
LCS1	Total Dissolved Solid (TDS)	175	156	MGL	89.1	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	686	MGL	98.0	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	89.143	98.000	MGL	9.5	(0-20)	

QC Ref #443167 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.54	7.54	UNIT		(0-20)	0.0

QC Ref #443189 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.34	7.37	UNIT		(0-20)	0.4

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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QC Report
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Tronox LLC - Henderson
(continued)

QC Ref #443190 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	9.20	9.22	UNIT		(0-20)	0.2

QC Ref #443860 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	08050631	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	8050	8060	MGL		(0-10)	0.1
LCS1	Total Dissolved Solid (TDS)	175	184	MGL	105.1	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	696	MGL	99.4	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	105.143	99.429	MGL	5.6	(0-20)	

QC Ref #444058 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 28	07240008	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS3	Perchlorate	4	3.80	UGL	95.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.5	UGL	90.0	(80-120)	
MSD	Perchlorate	25.0	22.0	UGL	88.0	(80-120)	
RPD_LCS	Perchlorate	99.200	99.600	UGL	0.4	(0-15)	
RPD_MS	Perchlorate	90.000	88.000	UGL	1.0	(0-15)	

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Tronox LLC - Henderson
(continued)

QC Ref #444184 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	08050611	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6188	6176	MGL		(0-10)	0.2
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	684	MGL	97.7	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	96.000	97.714	MGL	1.8	(0-20)	

QC Ref #444265 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 28	08050611	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS2	Perchlorate	25.0	24.0	UGL	96.0	(85-115)	
LCS3	Perchlorate	4	3.69	UGL	92.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.1	UGL	100.4	(80-120)	
MSD	Perchlorate	25.0	23.6	UGL	94.4	(80-120)	
RPD_LCS	Perchlorate	98.800	96.000	UGL	2.9	(0-15)	
RPD_MS	Perchlorate	100.400	94.400	UGL	0.9	(0-15)	

QC Ref #444336 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 28	08080054	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS2	Perchlorate	25.0	23.8	UGL	95.2	(85-115)	
LCS3	Perchlorate	4	4.02	UGL	100.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			

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Tronox LLC - Henderson
 (continued)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Perchlorate	25.0	24.5	UGL	98.0	(80-120)	
MSD	Perchlorate	25.0	25.2	UGL	100.8	(80-120)	
RPD_LCS	Perchlorate	102.400	95.200	UGL	7.3	(0-15)	
RPD_MS	Perchlorate	98.000	100.800	UGL	1.0	(0-15)	

QC Ref #445529 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	08050625	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.951	MGL	95.1	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.945	MGL	94.5	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.947	MGL	94.7	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.978	MGL	97.8	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.935	MGL	93.5	(70-130)	

QC Ref #445530 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	08050630	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.999	MGL	99.9	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.011	MGL	110.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.936	MGL	93.6	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.947	MGL	94.7	(70-130)	

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