



MWH Laboratories

A Division of MWH Americas, Inc.

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

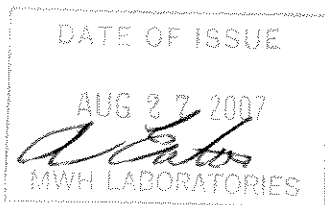
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 212147
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 18 page[s].



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750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3829
Tel: 626 386 1100
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1 800 566 LABS (1 800 566 5227)

August 27, 2007

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

Subject: Case Narrative report 212147

Enclosed is MWH Laboratories Report 212147

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on August 2, 2007 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 hex chrome were received after the RCRA 24 hour holding time and are reported with an H3 flag.

The Matrix spike for chromium on sample I-V was recovered low, but the spike level was disproportionate to the initial analysis level.

Sincerely,

Andrew Eaton, PhD
Project Manager



212147

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

M/LABS USE ONLY:

SAMPLES CHECKED/LOGGED IN BY: [Signature]

SAMPLE TEMP, RECEIPT AT LAB: [Signature]

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED 12:00

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRMCGEE-MP** PROJECT JOB # / P.O.#: (check for yes)

Quarterly Groundwater Sampling Schedule B

Sampler: Michelle Brown Tronox LLC - Henderson Plant
 Susan Crowley (702) 651-2234 PO Box 55
 Henderson, NV 89009

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)	SAMPLER Comments
5:48	8-1-07		M-92	RGW	X		CR 6010 pH 9040 TDS CLO4 CRVI 7196 CLO3 9056 NO3 9056 See Bottle Order	Bottles
6:07	8-1-07		M-97	RGW	X			Bottles
6:45	8-1-07		M-31A	RGW	X			Bottles
7:08	8-1-07		M-50	RGW	X			Bottles
7:23	8-1-07		M-34	RGW	X			Bottles
7:38	8-1-07		M-35	RGW	X			Bottles
7:58	8-1-07		M-19	RGW	X			Bottles
8:15	8-1-07		M-39	RGW	X			Bottles
8:22	8-1-07		M-68	RGW	X			Bottles
8:47	8-1-07		M-61	RGW	X			Bottles
8:40	8-1-07		F-K	RGW	X			Bottles
8:51	8-1-07		F-J	RGW	X			Bottles

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

RELINQUISHED BY: Michelle Brown SIGNATURE: [Signature] PRINT NAME: Michelle Brown COMPANY/TITLE: Veolia Water NA for Tronox LLC - Henderson Plant DATE: 8-1-07 TIME: 12:00PM

RECEIVED BY: [Signature]

RELINQUISHED BY: [Signature] RECEIVED BY: [Signature] DATE: 8-1-07 TIME: 10:00

UNANNOUNCED



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

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: *[Signature]*

SAMPLE TEMP, RECEIPT AT LAB: *[Signature]*

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED *0.7*

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		(check for yes)			
KERRMCGEE-MP Sampler Michele Brown		Quarterny Groundwater Sampling Schedule B		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)					
Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009		IDENTIFIER, STATE ID#		CR 6010	PH 9040	TDS	CL04		
TIME	DATE	LOCATION	MATRIX *	GRAB	COMP	CL03 9056	NO3 9056	See Bottle Order	SAMPLER Comments
8:59	8-1-07	I-Z	RGW	X		X	X		2 Bottles
9:19	8-1-07	M-67	RGW	X		X	X		2 Bottles
9:29	8-1-07	I-I	RGW	X		X	X		2 Bottles
9:25	8-1-07	I-V	RGW	X		X	X		2 Bottles
10:00	8-1-07	M-12A	RGW	X		X	X		3 Bottles
10:07	8-1-07	EB-2	RGW	X		X	X		3 Bottles
		MD-2	RGW	X		X	X		3 Bottles
			RGW	X		X	X		Bottles
			RGW	X		X	X		Bottles
			RGW	X		X	X		Bottles
			RGW	X		X	X		Bottles
			RGW	X		X	X		Bottles
			RGW	X		X	X		Bottles
			RGW	X		X	X		Bottles
			RGW	X		X	X		Bottles
			RGW	X		X	X		Bottles

* MATRIX TYPES:

Reported by Volume:
CFW = Chlor(am)inated Finished Water
FW = Other Finished Water

Reported by Weight:
SO = Soil
SL = Sludge

CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

Reported by Weight:

SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
<i>[Signature]</i>	Michele Brown	Veolia Water NA for Tronox LLC - Henderson Plant	8-1-07	12:00PM
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	8-2-07	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

Q Quarterly
 Week 1

SO# 36799 33899 RS

Sampler: Please Return this Paper with your samples

Created by 0

Order Date 06/12/07

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

Billing Address

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

Send Report to

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

Date Needed
 by Client

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
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	CRVI7196	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

SCANNED

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: 142707

SCANNED

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 08/01/07	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 CODE NO. WCN IS 1321.10400	
N/A/R		CUSTOMER PO OR REQ'N NO.	SHIPPED FROM Henderson, NV	
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY	
	Quarterly Monitoring Well Samples One ice chest @ 84 One ice chest @ 59 Not Regulated		2 COOLERS	
			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	
			The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement.	
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	
		0		
2	TOTAL GROSS WEIGHT 143	TOTAL TARE WEIGHT 0	143	
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 268859, Oklahoma City, OK 73126-8859

PER **Judi Durkin**

AGENT

PER

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



Ship Date: 01AUG07
ActWgt: 84 LB
System#: 2274147/INET7061
Account#: S *****

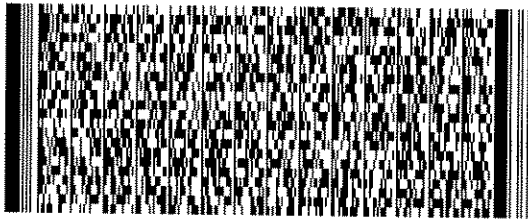
Delivery Address Bar Code



Ref # MSO #142707 - 84.0 lbs.
Invoice #
PO #
Dept #

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

MONROVIA, CA 910163629

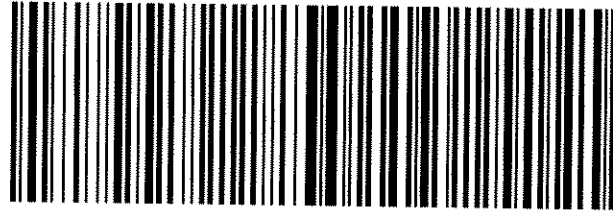


TRK# 7987 3159 5802
0201

THU - 02AUG **A2**
PRIORITY OVERNIGHT

QZ-WHPA

BUR
CA-US
91016



SCANNED

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#: 212147
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **08/02/07**. 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
2708020317	M-92	CLO4 CR6010	Water	01-aug-2007 05:48:00
2708020318	M-97	CLO4 CR6010	Water	01-aug-2007 06:07:00
2708020319	M-31A	CLO4 CR6010	Water	01-aug-2007 06:45:00
2708020320	M-50	CLO4 CR6010	Water	01-aug-2007 07:08:00
2708020321	M-34	CLO4 CR6010	Water	01-aug-2007 07:23:00
2708020322	M-35	CLO4 CR6010	Water	01-aug-2007 07:38:00
2708020323	M-19	CLO4 CR6010	Water	01-aug-2007 07:58:00
2708020324	M-39	CLO4 CR6010	Water	01-aug-2007 08:15:00
2708020325	M-68	CLO4 CR6010	Water	01-aug-2007 08:32:00
2708020326	M-61	CLO4 CR6010	Water	01-aug-2007 08:47:00
2708020327	I-K	CLO4 CR6010	Water	01-aug-2007 08:40:00
2708020328	I-J	CLO4 CR6010	Water	01-aug-2007 08:51:00
2708020329	I-Z	CLO4 CR6010	Water	01-aug-2007 08:59:00
2708020330	M-67	CLO4 CR6010	Water	01-aug-2007 09:19:00
2708020331	I-I	CLO4 CR6010	Water	01-aug-2007 09:29:00
2708020332	I-V	CLO4 CR6010	Water	01-aug-2007 09:25:00
2708020342	M-12A	CLO4 CR6010	Water	01-aug-2007 10:00:00
		CLO4 CR6010	CRVI7196 P	PH9040 T

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#: 212147
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2708020342	M-12A (con't)	TDS		
2708020343	EB-2	CLO4 CR6010	Water CRVI7196 P	01-aug-2007 10:04:00 PH9040 T
2708020344	MD-2	CLO4 CR6010	Water CRVI7196 P	01-aug-2007 00:00:00 PH9040 T

Test Acronym Description

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



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Report
Comments
#212147

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: _____

(QC Ref#: 2708020332)

Test: Chromium, Total, ICAP (ML/EPA 6010B)

M3 - The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to the spike level. The method control sample recovery was acceptable.

(QC Ref#: 2708020342)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2708020343)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2708020344)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.



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**Laboratory
Hits Report
#212147**

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

Samples Received
02-aug-2007 15:54:15

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708020317	M-92				
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.8		Units	0.0010
08/04/07		Perchlorate	752		ug/l	80
08/06/07		Total Dissolved Solid (TDS)	1990	500	mg/l	10
	2708020318	M-97				
08/13/07		Chromium, Total, ICAP	0.61		mg/l	0.020
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010
08/04/07		Perchlorate	89200		ug/l	10000
08/06/07		Total Dissolved Solid (TDS)	3730	500	mg/l	10
	2708020319	M-31A				
08/13/07		Chromium, Total, ICAP	11		mg/l	0.050
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.4		Units	0.0010
08/04/07		Perchlorate	1710000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	9330	500	mg/l	10
	2708020320	M-50				
08/13/07		Chromium, Total, ICAP	29		mg/l	0.20
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.4		Units	0.0010
08/04/07		Perchlorate	1080000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	14100	500	mg/l	10
	2708020321	M-34				

SUMMARY OF POSITIVE DATA ONLY.



MWH Laboratories
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Laboratory
Hits Report
#212147

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

Samples Received
02-aug-2007 15:54:15

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708020321	M-34				
08/13/07		Chromium, Total, ICAP	16		mg/l	0.20
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.3		Units	0.0010
08/04/07		Perchlorate	2130000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	11900	500	mg/l	10
	2708020322	M-35				
08/13/07		Chromium, Total, ICAP	9.4		mg/l	0.10
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.4		Units	0.0010
08/04/07		Perchlorate	407000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	7280	500	mg/l	10
	2708020323	M-19				
08/13/07		Chromium, Total, ICAP	0.38		mg/l	0.020
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010
08/04/07		Perchlorate	2490		ug/l	400
08/06/07		Total Dissolved Solid (TDS)	4820	500	mg/l	10
	2708020324	M-39				
08/13/07		Chromium, Total, ICAP	4.6		mg/l	0.050
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.3		Units	0.0010
08/04/07		Perchlorate	489000		ug/l	40000
08/06/07		Total Dissolved Solid (TDS)	7280	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #212147

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

Samples Received
 02-aug-2007 15:54:15

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708020324	M-39				
	2708020325	M-68				
08/13/07		Chromium, Total, ICAP	0.91		mg/l	0.020
08/08/07		Metals digestion performed.	Y		Yes/No	
08/06/07		PH (H3=past HT, not compliant)	7.5		Units	0.0010
08/05/07		Perchlorate	61000		ug/l	4000
08/06/07		Total Dissolved Solid (TDS)	6350	500	mg/l	10
	2708020326	M-61				
08/13/07		Chromium, Total, ICAP	1.0		mg/l	0.020
08/08/07		Metals digestion performed.	Y		Yes/No	
08/06/07		PH (H3=past HT, not compliant)	7.5		Units	0.0010
08/05/07		Perchlorate	81000		ug/l	8000
08/06/07		Total Dissolved Solid (TDS)	5500	500	mg/l	10
	2708020327	I-K				
08/13/07		Chromium, Total, ICAP	0.97		mg/l	0.020
08/08/07		Metals digestion performed.	Y		Yes/No	
08/06/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010
08/05/07		Perchlorate	55800		ug/l	8000
08/06/07		Total Dissolved Solid (TDS)	5650	500	mg/l	10
	2708020328	I-J				
08/13/07		Chromium, Total, ICAP	2.4		mg/l	0.62
08/08/07		Metals digestion performed.	Y		Yes/No	
08/06/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010

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Laboratory
Hits Report
#212147

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

Samples Received
02-aug-2007 15:54:15

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708020328	I-J				
08/05/07	Perchlorate		204000		ug/l	20000
08/06/07	Total Dissolved Solid (TDS)		6260	500	mg/l	10
	2708020329	I-Z				
08/13/07	Chromium, Total, ICAP		9.5		mg/l	0.050
08/08/07	Metals digestion performed.		Y		Yes/No	
08/06/07	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/05/07	Perchlorate		654000		ug/l	100000
08/06/07	Total Dissolved Solid (TDS)		9170	500	mg/l	10
	2708020330	M-67				
08/13/07	Chromium, Total, ICAP		5.5		mg/l	0.050
08/08/07	Metals digestion performed.		Y		Yes/No	
08/06/07	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/05/07	Perchlorate		582000		ug/l	40000
08/06/07	Total Dissolved Solid (TDS)		7790	500	mg/l	10
	2708020331	I-I				
08/13/07	Chromium, Total, ICAP		20		mg/l	0.20
08/08/07	Metals digestion performed.		Y		Yes/No	
08/06/07	PH (H3=past HT, not compliant)		7.4		Units	0.0010
08/05/07	Perchlorate		1140000		ug/l	200000
08/06/07	Total Dissolved Solid (TDS)		13400	500	mg/l	10
	2708020332	I-V				
08/13/07	Chromium, Total, ICAP		21		mg/l	0.20

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 #212147

Tronox LLC - Henderson
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 Henderson , NV 89009

Samples Received
 02-aug-2007 15:54:15

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708020332	I-V				
08/08/07		Metals digestion performed.	Y		Yes/No	
08/06/07		PH (H3=past HT, not compliant)	7.3		Units	0.0010
08/05/07		Perchlorate	2080000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	14500	500	mg/l	10
	2708020342	M-12A				
08/13/07		Chromium, Total, ICAP	13		mg/l	0.10
08/03/07		Hexavalent chromium (Cr VI)	14		mg/l	0.50
08/08/07		Metals digestion performed.	Y		Yes/No	
08/06/07		PH (H3=past HT, not compliant)	8.0		Units	0.0010
08/05/07		Perchlorate	320000		ug/l	40000
08/08/07		Total Dissolved Solid (TDS)	7890	500	mg/l	10
	2708020343	EB-2				
08/08/07		Metals digestion performed.	Y		Yes/No	
08/06/07		PH (H3=past HT, not compliant)	6.8		Units	0.0010
08/05/07		Perchlorate	28		ug/l	8.0
08/08/07		Total Dissolved Solid (TDS)	26	500	mg/l	10
	2708020344	MD-2				
08/13/07		Chromium, Total, ICAP	12		mg/l	0.050
08/03/07		Hexavalent chromium (Cr VI)	14		mg/l	0.50
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.9		Units	0.0010
08/06/07		Perchlorate	315000		ug/l	40000
08/06/07		Total Dissolved Solid (TDS)	8080	500	mg/l	10

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

Samples Received
08/02/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-92 (2708020317)				Sampled on 08/01/07 05:48				
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	752	ug/l	80	20
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379618	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	1990	mg/l	10	1
M-97 (2708020318)				Sampled on 08/01/07 06:07				
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	89200	ug/l	10000	2500
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	0.61	mg/l	0.020	2
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379618	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3730	mg/l	10	1
M-31A (2708020319)				Sampled on 08/01/07 06:45				
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	1710000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	11	mg/l	0.050	5
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379618	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9330	mg/l	10	1
M-50 (2708020320)				Sampled on 08/01/07 07:08				
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	1080000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	29	mg/l	0.20	20
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379618	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	14100	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-34 (2708020321)				Sampled on 08/01/07 07:23				
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	2130000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	16	mg/l	0.20	20
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379618	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	11900	mg/l	10	1
M-35 (2708020322)				Sampled on 08/01/07 07:38				
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	407000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	9.4	mg/l	0.10	10
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379618	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7280	mg/l	10	1
M-19 (2708020323)				Sampled on 08/01/07 07:58				
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	2490	ug/l	400	100
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	0.38	mg/l	0.020	2
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379618	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4820	mg/l	10	1
M-39 (2708020324)				Sampled on 08/01/07 08:15				
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	489000	ug/l	40000	10000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	4.6	mg/l	0.050	5
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379618	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7280	mg/l	10	1
M-68 (2708020325)				Sampled on 08/01/07 08:32				
	08/05/07 00:10	379890	(EPA 314)	Perchlorate	61000	ug/l	4000	1000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	0.91	mg/l	0.020	2
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/07 00:00	379798	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6350	mg/l	10	1



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Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-61 (2708020326) Sampled on 08/01/07 08:47								
	08/05/07 00:10	379890	(EPA 314)	Perchlorate	81000	ug/l	8000	2000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	1.0	mg/l	0.020	2
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/07 00:00	379798	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5500	mg/l	10	1
I-K (2708020327) Sampled on 08/01/07 08:40								
	08/05/07 00:10	379890	(EPA 314)	Perchlorate	55800	ug/l	8000	2000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	0.97	mg/l	0.020	2
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/07 00:00	379798	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5650	mg/l	10	1
I-J (2708020328) Sampled on 08/01/07 08:51								
	08/05/07 00:10	379890	(EPA 314)	Perchlorate	204000	ug/l	20000	5000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	2.4	mg/l	0.62	62
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/07 00:00	379798	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6260	mg/l	10	1
I-Z (2708020329) Sampled on 08/01/07 08:59								
	08/05/07 00:10	379890	(EPA 314)	Perchlorate	654000	ug/l	100000	25000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	9.5	mg/l	0.050	5
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/07 00:00	379798	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9170	mg/l	10	1
M-67 (2708020330) Sampled on 08/01/07 09:19								
	08/05/07 00:10	379890	(EPA 314)	Perchlorate	582000	ug/l	40000	10000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	5.5	mg/l	0.050	5
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/07 00:00	379798	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7790	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-I (2708020331)		Sampled on 08/01/07 09:29						
	08/05/07 00:10	379890	(EPA 314)	Perchlorate	1140000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	20	mg/l	0.20	20
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/07 00:00	379798	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	13400	mg/l	10	1
I-V (2708020332)		Sampled on 08/01/07 09:25						
	08/05/07 00:10	379890	(EPA 314)	Perchlorate	2080000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	21(M3)	mg/l	0.20	20
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/07 00:00	379798	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	14500	mg/l	10	1
M-12A (2708020342)		Sampled on 08/01/07 10:00						
	08/05/07 00:10	379890	(EPA 314)	Perchlorate	320000	ug/l	40000	10000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	13	mg/l	0.10	10
	08/03/07 11:58	379692	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	14(H3)	mg/l	0.50	100
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/07 00:00	379798	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	8.0	Units	0.0010	1
08/08/07	08/08/07 12:00	380383	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7890	mg/l	10	1
EB-2 (2708020343)		Sampled on 08/01/07 10:04						
	08/05/07 00:10	379890	(EPA 314)	Perchlorate	28	ug/l	8.0	2
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	08/03/07 11:57	379692	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/06/07 00:00	379798	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	6.8	Units	0.0010	1
08/08/07	08/08/07 12:00	380383	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	26	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
MD-2 (2708020344)				Sampled on 08/01/07 00:00				
	08/06/07 10:51	380192	(EPA 314)	Perchlorate	315000	ug/l	40000	10000
08/12/07	08/13/07 00:00	380839	(ML/EPA 6010B)	Chromium, Total, ICAP	12	mg/l	0.050	5
	08/03/07 11:59	379692	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	14 (H3)	mg/l	0.50	100
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379618	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
08/06/07	08/06/07 16:00	380370	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8080	mg/l	10	1



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QC Summary
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Tronox LLC - Henderson

QC Ref #379618 - PH (H3=past HT, not compliant) Analysis Date: 08/03/2007

2708020317	M-92	Analyzed by: faj
2708020318	M-97	Analyzed by: faj
2708020319	M-31A	Analyzed by: faj
2708020320	M-50	Analyzed by: faj
2708020321	M-34	Analyzed by: faj
2708020322	M-35	Analyzed by: faj
2708020323	M-19	Analyzed by: faj
2708020324	M-39	Analyzed by: faj
2708020344	MD-2	Analyzed by: faj

QC Ref #379692 - Hexavalent chromium (Cr VI) Analysis Date: 08/03/2007

2708020342	M-12A	Analyzed by: wbh
2708020343	EB-2	Analyzed by: wbh
2708020344	MD-2	Analyzed by: wbh

QC Ref #379798 - PH (H3=past HT, not compliant) Analysis Date: 08/06/2007

2708020325	M-68	Analyzed by: faj
2708020326	M-61	Analyzed by: faj
2708020327	I-K	Analyzed by: faj
2708020328	I-J	Analyzed by: faj
2708020329	I-Z	Analyzed by: faj
2708020330	M-67	Analyzed by: faj
2708020331	I-I	Analyzed by: faj
2708020332	I-V	Analyzed by: faj
2708020342	M-12A	Analyzed by: faj
2708020343	EB-2	Analyzed by: faj

QC Ref #379888 - Perchlorate Analysis Date: 08/04/2007

2708020317	M-92	Analyzed by: clv
2708020318	M-97	Analyzed by: clv
2708020319	M-31A	Analyzed by: clv
2708020320	M-50	Analyzed by: clv
2708020321	M-34	Analyzed by: clv
2708020322	M-35	Analyzed by: clv
2708020323	M-19	Analyzed by: clv
2708020324	M-39	Analyzed by: clv



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QC Summary
#212147

Tronox LLC - Henderson
(continued)

QC Ref #379890 - Perchlorate

Analysis Date: 08/05/2007

2708020325	M-68	Analyzed by: clv
2708020326	M-61	Analyzed by: clv
2708020327	I-K	Analyzed by: clv
2708020328	I-J	Analyzed by: clv
2708020329	I-Z	Analyzed by: clv
2708020330	M-67	Analyzed by: clv
2708020331	I-I	Analyzed by: clv
2708020332	I-V	Analyzed by: clv
2708020342	M-12A	Analyzed by: clv
2708020343	EB-2	Analyzed by: clv

QC Ref #380192 - Perchlorate

Analysis Date: 08/06/2007

2708020344	MD-2	Analyzed by: clv
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QC Ref #380370 - Total Dissolved Solid (TDS)

Analysis Date: 08/06/2007

2708020317	M-92	Analyzed by: yvette
2708020318	M-97	Analyzed by: yvette
2708020319	M-31A	Analyzed by: yvette
2708020320	M-50	Analyzed by: yvette
2708020321	M-34	Analyzed by: yvette
2708020322	M-35	Analyzed by: yvette
2708020323	M-19	Analyzed by: yvette
2708020324	M-39	Analyzed by: yvette
2708020325	M-68	Analyzed by: yvette
2708020326	M-61	Analyzed by: yvette
2708020327	I-K	Analyzed by: yvette
2708020328	I-J	Analyzed by: yvette
2708020329	I-Z	Analyzed by: yvette
2708020330	M-67	Analyzed by: yvette
2708020331	I-I	Analyzed by: yvette
2708020332	I-V	Analyzed by: yvette
2708020344	MD-2	Analyzed by: yvette



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QC Summary
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Tronox LLC - Henderson
(continued)

QC Ref #380383 - Total Dissolved Solid (TDS) Analysis Date: 08/08/2007

2708020342	M-12A	Analyzed by: yvette
2708020343	EB-2	Analyzed by: yvette

QC Ref #380838 - Chromium, Total, ICAP Analysis Date: 08/13/2007

2708020317	M-92	Analyzed by: wbh
2708020318	M-97	Analyzed by: wbh
2708020319	M-31A	Analyzed by: wbh

QC Ref #380839 - Chromium, Total, ICAP Analysis Date: 08/13/2007

2708020320	M-50	Analyzed by: wbh
2708020321	M-34	Analyzed by: wbh
2708020322	M-35	Analyzed by: wbh
2708020323	M-19	Analyzed by: wbh
2708020324	M-39	Analyzed by: wbh
2708020325	M-68	Analyzed by: wbh
2708020326	M-61	Analyzed by: wbh
2708020327	I-K	Analyzed by: wbh
2708020328	I-J	Analyzed by: wbh
2708020329	I-Z	Analyzed by: wbh
2708020330	M-67	Analyzed by: wbh
2708020331	I-I	Analyzed by: wbh
2708020332	I-V	Analyzed by: wbh
2708020342	M-12A	Analyzed by: wbh
2708020343	EB-2	Analyzed by: wbh
2708020344	MD-2	Analyzed by: wbh

Tronox LLC - Henderson

QC Ref #379618 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.33	7.34	UNIT		(0-20)	0.1

QC Ref #379692 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08030248	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.052	MGL	104.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.051	MGL	102.0	(85-115)	
MBLK	Hexavalent chromium (Cr VI)	ND	<0.0050	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.005	MGL	100.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	1.00	0.94	MGL	94.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	1.00	0.96	MGL	96.0	(70-130)	

QC Ref #379798 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.77	7.78	UNIT		(0-20)	0.1

QC Ref #379888 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	08020270	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.1	UGL	108.4	(85-115)	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS3	Perchlorate	4	3.75	UGL	93.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.1	UGL	92.4	(80-120)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(80-120)	
RPD_LCS	Perchlorate	108.400	102.400	UGL	5.7	(0-15)	
RPD_MS	Perchlorate	92.400	97.200	UGL	1.1	(0-15)	

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Tronox LLC - Henderson
(continued)

QC Ref #379890
Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	08020342	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.5	UGL	102.0	(85-115)	
LCS2	Perchlorate	25.0	25.8	UGL	103.2	(85-115)	
LCS3	Perchlorate	4	4.31	UGL	107.7	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	21.9	UGL	87.6	(80-120)	
MSD	Perchlorate	25.0	24.8	UGL	99.2	(80-120)	
RPD_LCS	Perchlorate	102.000	103.200	UGL	1.2	(0-15)	
RPD_MS	Perchlorate	87.600	99.200	UGL	1.1	(0-15)	

QC Ref #380192
Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	08020570	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.6	UGL	106.4	(85-115)	
LCS2	Perchlorate	25.0	26.7	UGL	106.8	(85-115)	
LCS3	Perchlorate	4	3.68	UGL	92.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.2	UGL	96.8	(80-120)	
MSD	Perchlorate	25.0	24.9	UGL	99.6	(80-120)	
RPD_LCS	Perchlorate	106.400	106.800	UGL	0.4	(0-15)	
RPD_MS	Perchlorate	96.800	99.600	UGL	1.0	(0-15)	

QC Ref #380370
Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08020317	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	1994	2014	MGL		(0-10)	1.0
LCS1	Total Dissolved Solid (TDS)	175	176	MGL	100.6	(80-114)	

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(continued)

LCS2	Total Dissolved Solid (TDS)	700	694	MGL	99.1	(80-114)
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL		
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)
RPD_LCS	Total Dissolved Solid (TDS)	100.571	99.143	MGL	1.4	(0-20)

QC Ref #380383 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08060279	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	34400	34400	MGL		(0-10)	0.0
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	702	MGL	100.3	(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)	98.286	100.286	MGL	2.0	(0-20)	

QC Ref #380838 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08020271	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.955	MGL	95.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.941	MGL	94.1	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.00994	MGL	99.4	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.961	MGL	96.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.941	MGL	94.1	(70-130)	

QC Ref #380839 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08020327	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.930	MGL	93.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.911	MGL	91.1	(85-115)	

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MBLK	Chromium, Total, ICAP	ND	<0.010	MGL		
MRL_CHK	Chromium, Total, ICAP	0.010	0.00994	MGL	99.4	(50-150)
MS	Chromium, Total, ICAP	1.00	0.914	MGL	91.4	(70-130)
MSD	Chromium, Total, ICAP	1.00	0.895	MGL	89.5	(70-130)

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