

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

# Laboratory Report

for

Tronox LLC - Henderson PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE Jun 13 2008 MWH LABORATORIES

ADE Andy Eaton Project Manager \*nelac

Report#: 240233 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 22 page[s].



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

June 16, 2008

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

Subject: Case Narrative report 240233

Enclosed is MWH Laboratories Report 240233

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on May 09, 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:

Andrew Eaton

TDS- Samples, (M-74, M-71, M-38, M-17A, M-36), were re-analyzed past hold time. Original results did not match historical data. Samples are flagged with a HA flag.

One sample had hex chrome slightly greater than total chrome, but within the expected analytical variance.

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.

Sincerely,

Andrew Eaton, PhD Project Manager

# IES CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

MWLABS USE ONLY.

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	100, Monrovia, CA 91016
	s, Suite
	750 Royal Oaks Ave,
	Sep.
	Roya
	750

(800) 566-5227

(626) 386-1100

FROZEN Y PARTIALLY FROZEN X THAWED SAMPLES CHECKED/LOGGED IN BY: SAMPLE TEMP, RECEIPT AT LAB: BLUE ICE: LOGIN COMMENTS:

TOBE	COMPLE	TO BE COMPLETED BY SAMPLER:																		
COMF	JANY / PR	COMPANY / PROJECT NAME		PROJECT JOB # / P.O.# Quarterly Groundwater Sampling				REFE	A TO A	TTACF	IED 8(	THE	ORDE	FOR A	REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES	ES			(check for yes)	¥e3.)
Ē	KERRMCGEE-MP	E-Mp		Schedule B			<b></b>			ANALY	SES RE	QUIRE	D (mar	an 'X' in	all test	s required	for each	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)	(9)	
Sampler	1 < 3	Michele Brown  ALA DA DA  Indian		Tronox LLC - Henderson Plant TOWN PO Box 55 Henderson NV 89009	ın Plant														v3	SAMPLER
	TIME	ATE	LOCATION	IDENTIFIER, STATE ID#	•XIRTAM	8495	сомь	CK 6010	0406 Hq	CFO4 LDS	CRVI 7196	CFO3 8026	9906 EON	see Bottle Order					Ğ	Comments
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	E	MATRIX TYPES:	Repor CFW =	Reported by Volume: CFW = Chlor(am)inated Finished Water		RGW	RGW = Raw Ground Water	ound W	ater		CMA	5 =	lorinate	CWW = Chlorinated Waste Water	Water			Reported by Weight:	by Wei	aht.
		Source of the second se	= FW =	= Other Finished Water		RSW	RSW = Raw Surface Water	rriace W	विस		AS SA	# SS = 1	= Other Waste = Storm Water	= Other Waste Water = Storm Water				SL = Sludge	<u>ಲ್</u>	
	40		SIGNATURE	32		α.	PRINT NAME	uj					COMP	COMPANYTITLE				DATE		TIME
REL	RELINGUISHED N		C S	7	×	Michele Brown	own				Veol	a Wate	er NA fo	г Тгопох	LLC-+	Veolia Water NA for Tronox LLC - Henderson Plant	Plant	J. B 08	8	12:00PM
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# GOMERY WATSON LABORATORIES CHAIN OF CUSTO

# S CHAIN OF CUSTODY RECORD

Bottles Bottles Bottles Bottles Bottles Bottles 2 Bottles Bottles Bottles Bottles Bottles SAMPLER Comments Reported by Weight: SO = Soil SL = Sludge (check for yes) CX Q 0 ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line) THAWED FROZEN PARTIALLY FROZEN SAMPLES CHECKED/LOGGED IN BY: REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES SAMPLE TEMP, RECEIPT AT LAB: CWW ≈ Chlorinated Waste Water WW = Other Waste Water SW = Storm Water See Bottle Order 9906 EON BLUE ICE: CFO3 8028 X **CRVI 7196** CFOd ×  $\times$ × × × × × >< ×  $\times$ × SQL  $\times$ × × × × ><  $\times$ ×  $\times$ ×  $\times$  $\times$ RGW = Raw Ground Water RSW = Raw Surface Water 01/06 Hd × CB 6010 ><  $\times$ × × >< × × × × × × COMP × × × × адяо RGW \* XINTAM Tronox LLC - Henderson Plant PO Box 55 LOGIN COMMENTS: Henderson, NV 89009 Reported by Volume:
CFW Chlor(am)Inated Finished Water
FW = Other Finished Water DENTIFIER, STATE ID# Quarterly Groundwater Sampling M-INA N N なるる N.36 DU-W M-89 PROJECT JOB #1 P.O.# Schedule B 750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016 SIGNATURE (800) 566-5227 LOCATION (702) 651-2234 TO BE COMPLETED BY SAMPLER: COMPANY / PROJECT NAME Sign Con 50×50 056 5.8 58 20058-08 S ~ S N N O 7.53 S80 \* MATRIX TYPES: DATE KERRMCGEE-MP 626) 386-1100 usan Crowley 13 <u>ර</u> ර المصور المصادمة المصادمة المصادمة TIME S S SCANNED

smc052002

#5-0-0

RELINQUISHED BY

RCEIVED BY

PAGE 1 of 1

12:00PM

11-x-08

Veolia Water NA for Tronox LLC - Henderson Plant

R. OSNESS

Michele Brown

From:

Andrew D Eaton/User/Americas/Montgomery Watson

To:

"Joseph Sanchez" <Joseph.sanchez@mwhglobal.com>, "George mandujano"

<george.mandujano@mwhglobal.com>, Martin L DeMeSa/User/Americas/Montgomery

Watson, "Roy Capati" <roy.capati@mwhglobal.com>

Date:

Friday, May 09, 2008 01:06PM

**Subject:** Fw: KMG arriving today

See note below

---- Original Message ----

From: "Brown, Michele" [Michele.Brown@veoliawaterna.com]

**Sent:** 05/09/2008 07:38 AM AST

To: <Andrew.d.eaton@mwhglobal.com>

Cc: "Crowley, Susan" <Susan.Crowley@tronox.com>; "Lambeth, Jeff"

<jeffrey.lambeth@veoliawaterna.com>

Subject: Quarterly sampling

Andy,

In the coolers the lab will receive toady there are two samples which need to be discarded. The samples for M-84 were taken too early in the day to have the Hex sample fall into the time compliance frame. MD-2 is a dup sample for M-84 and needs to be discarded as well. The MD-2 sample is included in the cooler but was inadvertently left off the COC. I will be re-sampling this well on Monday at 12:00pm for delivery on Tuesday.

Thanks for your understanding,

Michele Brown



On	Q Quarterly Period Week 1	Billing Address Tronox LLC P.O. Box. 3049 LivoniaMl. 48150	Quote#  NWH  Auy  Important Comments	UN 2031 QUARTE  UN 2031 PLEASE  BOTTLE  COOLEF  TAKES 3	Second quarter only  NOTIFY LAB AS SOON AS  CR-VI COMES IN 24HR ht  TDS count ingreased to 101	effective 6/16/06;; deleted EC as of 7-14-06	Prepared By
Bottle Order for Ironox LLC- Henderson	Client Code KERRMCGEE-MP Project Code CLO4 PO# / Job# Blanket PO	Ise Return this Paper with your samples Send Report to Tranax LLC Henderson Plant PO Box 55 Henderson, NX 89009	ATTN: Susan Crowley. PHONE: 702-651-2234 FAX: 702-651-2310 FAX: 702-651-2310	1 250ml poly acid rinsed + 1ml HNO3 (18%) 1 500 ml poly /no preservative 1 125ml poly acid rinsed/ no preservative SHORT HOLDING TIME!!!!!	125ml poly/ no preservative <b>SHORT HOLDING TIME!!!!!</b> 60ml poly+0.60 mL 5% EDA sol'n		er Oty of Coolers Tracking Number
MWH Laboratories, a Division of MWH Americas, Inc. 750 Royal Oaks Avenue Suite 100	Your MW Direct Ph RS	Sampler: Please Return Ship Sample Kits to Tronox LLC-Veolia Water Gate 1 8000 West Lake Mead Drive Henderson, NV 89015	ATTN: Susan Crowley PHONE: 702-651-2234				Date Shipped Carrier
MWH Laborator	Monrovia CA 91016 ( Andrew Eaton (828).386-1.125	HAW P		101 CR6010 101 CL04, TDS, PH9040 15 CRVI7196	22 NO39056 22 CLO39056		Status

From: Origin ID: LASA (702)651-2230 TRONOX LLC

TRONOX LLC 8000 LAKE MEAD PARKWAY SHIPPING DEPARTMENT HENDERSON, NV 89015



CLS 128787/21/24

SHIP TO: 6265686400

**BILL SENDER** 

ATTN: SAMPLE RECEIVING MONTGOMERY WATSON LABS **750 ROYAL OAKS DR # 100** 

MONROVIA, CA 910163629



Ship Date: 08MAY08 ActWgt: 30 LB System#: 2274147/INET8011 Account#: S \*\*\*\*\*\*\*\*\* Delivery Address Bar Code



Ref# Invoice #

PO# Dept#

0201

7989 3780 4990

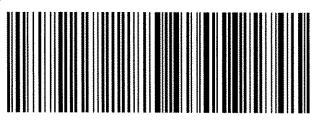
FRI - 09MAY

**A2** 

**PRIORITY OVERNIGHT** 

**QZ WHPA** 

91016 CA-US BUR



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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.



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: 143105

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

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 raif or a rai-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifles 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					Da	ite		FROM NO. STATION: STATE	
Federa	al Express				05	5/08	/08	Henderson, NV 89015	
	_ABORATORIES				***************************************			Authorization S. CROWLEY	
	oyal Oaks Avenu via, CA 91016-3							FULL NAME OF SHIPPER TRONOX LLC	
	: 626-568-6400							CODE NO. WCN IS	
FREIGHT CH								1321.10400	
	alu 🔲 Collect	CUSTOMER PO OR REQ'N	N NO.			PPED F		f it moves between two ports by water, the faw requires that the Bill of Lading shall state	
N/AR LINE					He	ender	rson, NV	whether it is Carrier's or Shippers weight.	
NO.	DE	SCRIPTION AND CLASSIFICATIO	)N		OCK N		TOTAL QUANTITY COOLER		
	Ice chest with w Monitoring Well One ice chest @ One Ice chest @ Not Regulated	s quarterly			A THE STATE OF THE		COOLLA	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 Consigner, the Consigner shall sign the following statement:  The Camer shall not make delivery of this shipment without payment of freight and all other lawful charges.  TRONOX LLC	
					and the second description of the second and the se			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 SHIF	MENTS						***************************************	FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT	
PLACARDS	<u></u>	PLACARDS ACCE	********	'ES				CALL CHEMTREC - DAY OR NIGHT	
NU HADE	NO NO PACKAGES	GROSS WEIGHT		IO WEIGHT	NET WEIGHT			800-424-9300 483-7616 IN DISTRICT OF COLUMBIA	
NOMBE	R OF FACRAGES	GROSS WEIGHT	***********************	0			ACIGNI	202-483-7616 FROM OUTSIDE THE CONTINENTAL US.	
	1	TOTAL GROSS WEIGHT 90	TARE	TAL NEIGHT			90	"Shippers imprint in lieu of stamp; not a part of	
NOTE: Whe	re the rate is dependent on value	shippers are required to state spec	ofically in writing t	the agreed or declared v	alue of t	the prop	perty. The agreed or	Bill of Lading approved by the Interstate  Commerce Commission"	
declared valu	ue of the property is hereby specif	cally stated by the shipper to be no	t exceeding	per					
		MED MATERIALS ARE PROPERLY PPLICABLE REGULATIONS OF TR				KED A	ND LABELED AND A	RE IN PROPER CONDITION FOR	
	C lanent post office address of Box 268859, Oklahoma City, OK	Lemma Hu	nde	AGENT				ER .	
						Server.			

From: Origin ID: LASA (702)651-2230 TRONOX LLC TRONOX LLC

8000 LAKE MEAD PARKWAY SHIPPING DEPARTMENT HENDERSON, NV 89015



SHIP TO: 6265686400

**BILL SENDER** 

ATTN: SAMPLE RECEIVING MONTGOMERY WATSON LABS **750 ROYAL OAKS DR # 100** 

**MONROVIA, CA 910163629** 



Ship Date: 08MAY08 ActWat: 60 LB System#: 2274147/INET8011 Account#: S \*\*\*\*\*\*\*\*

Delivery Address Bar Code



Ref# MSO #143105 -60 Lbs

Invoice # PO# Dept#

TRK# 0201

7910 6292 7779

FRI - 09MAY **A2 PRIORITY OVERNIGHT** 

**QZ WHPA** 

91016 CA-US **BUR** 





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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: 143105

RECEIVED subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading.

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 and destined as indicated below, which said Camer (the world Camer 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						1	ate		FROM NO. STATION: STATE
Federa	al Express					05	5/08/08		Henderson, NV 89015
K //\ \ /	LABORATORI	EC							Authorization S. CROWLEY
	caboka i oki oyal Oaks Ave		Suite #100					-	
î	via, CA 9101								FULL NAME OF SHIPPER TRONOX LLC
Phone	: 626-568-640	0							CODE NO. WCN IS
FREIGHT CH		*							1321.10400
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Not Regulated									TRONOX LLC
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		G	TOTAL ROSS WEIGHT	TARE	TAL WEIGHT		00	***************************************	
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NOTE: Who	ere the rate is dependent on	value shin	pers are required to state so	ecifically in writing	the agreed or declared v	alue of	the property. The acreer	} (	Bill of Lading approved by the Interstate  Commerce Commission*
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	CERTIFY THAT THE ABOVE TATION ACCORDING TO T						RKED AND LABELED AN	ID ARE	IN PROPER CONDITION FOR
TRONOX LL			PER		AGENT			PER	
	manent post office address o Box 268859, Oklahoma City		Lemma H	unde	re n.				



## 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#: 240233 Project#: CLO4

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

The following samples were received from you on 05/09/08. 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.

			Matrix	Sample Date
Sample#	Sample Id	Tests Scheduled		Dampre Date
2805090112	M-74		Water	08-may-2008 06:02:00
		CLO4 CR6010		TDS 100
2805090115			Water	08-may-2008 06:22:00 T TDS
		CLO4 CR6010		08-may-2008 06:52:00
2805090116	M-88		Water	TDS AND T
		CLO4 CR6010		08-may-2008 06:39:00
2805090117	M-87	CLO4 CR6010	Water PH9040	TDS
	<b>M</b> 0.0	CL04 CR6010	Water	08-may-2008 07:27:00
2805090118	and the second of the second o	CLO4 CR6010		TDS
2805090119		CHOT CHOOLO	Water	08-may-2008 07:42:00
7902030TT3	M-00	CLO4 CR6010		TDS
2805090120	M-83		Water	08-may-2008 08:14:00
2005050420		CLO4 CR6010	PH9040	T TDS
2805090121	M-70		Water	08-may-2008 08:30:00
	and the second of the se	CLO4 CR6010	P PH9040	T TDS
2805090122	M-71		Water	08-may-2008 08:45:00
$(-1)^{2} \left( \left( \frac{1}{2} \right) $	en figure de la companya de la compa	CLO4 CR601(		T TDS
2805090123	M-72		Water	08-may-2008 09:03:00 T TDS
		CLO4 CR601		08-may-2008 09:24:00
2805090124	M-38	OT 04 OD 001	Water PH9040	TDS
		CLO4 CR601	Water	08-may-2008 09:42:00
2805090132	: M-89	CLO4 CR601	· · · · · · · · · · · · · · · · · · ·	T TDS
2805090133	) N/ 3 77	CH04 C1001	Water	08-may-2008 09:53:00
7802030T33	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CLO4 CR6010		TDS
2805090134	M-76		Water	08-may-2008 10:39:00
200000013		CLO4 - CR6010	PH9040	TDS
2805090135	5 M-75		Water	08-may-2008 10:56:00
	医乳毛囊管 化环烷二甲烷	CLO4 CR601	PH9040	TDS
2805090136	5 M-2A		Water	08-may-2008 10:10:00
- 民国民会员主	医乳腺病 医肠管性	CLO4 CR601	•	TDS 11.11.00
2805090137	7 M-36	and the second of the second o	Water	08-may-2008 11:11:00
	Managan Lance	CLO39056 CLO4	CR6010 CRVIVE	96 NO39056 P

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#: 240233 Project#: CLO4

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

Sample#	Sample Id	Tests Sc	heduled	Matrix	Sample Date
2805090137 2805090138	M-36 (con't) M-10	PH9040 CLO39056 PH9040	us.	TDS Water CR6010 TDS	08-may-2008 12:10:00 CRVI7196 NO39056 P

### Test Acronym Description Test Acronym Description CL039056 Chlorate by IC CLO4 Perchlorate Chromium, Total, ICAP CR6010 Held CRVI7196 - Hexavalent chromium (Cr VI) - Addition - Addition - Hexavalent chromium Nitrate as Nitrogen by IC NO39056 $\mathbf{P}$ PH9040 法法院费用 医乳腺 化苯酚二甲酚 医二氏病 医二氏病 医异异异氏病 Metals Turbidity Total Dissolved Solid (TDS) TDS



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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: Caro

(QC Ref#: 2805090115)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)

rr

HA - Initial analysis within holding time. Reanalysis was past holding time.

(QC Ref#: 2805090122)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)

High EC. 10mL sample used.

HA - Initial analysis within holding time. Reanalysis was past holding time.

(QC Ref#: 2805090124)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)

high EC. 2mL sample used

rr

HA - Initial analysis within holding time. Reanalysis was past holding time.

(QC Ref#: 2805090133)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)

high EC. 2mL sample used.

rr

HA - Initial analysis within holding time. Reanalysis was past holding time.

(QC Ref#: 2805090137)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)

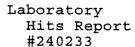
high EC. 2mL sample used.

HA - Initial analysis within holding time. Reanalysis was past holding time.





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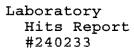




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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2805090112	M-74				
05/21/08 05/20/08	Chromium, Tota	al, ICAP ion performed.	0.91 Y		mg/l Yes/No	0.050
05/09/08 05/14/08 05/13/08		r, not compliant)	7.7 47500 5870	500	Units ug/l mg/l	0.0010 4000 10
	2805090115	M-73				
05/21/08 05/20/08	Chromium, Tota	al, ICAP ion performed.	3.8 Y		mg/l	0.050
05/20/08 05/09/08 05/14/08		r, not compliant)	7.8 249000		Yes/No Units	0.0010
06/05/08	Total Dissolve	ed Solid (TDS)	4370	500	ug/l mg/l	40000 10
	2805090116	M-88				
05/21/08 05/20/08	Chromium, Tota Metals digest:		0.88 Y		mg/l Yes/No	0.020
05/09/08 05/14/08		r, not compliant)	7.8 45800		Units	0.0010
05/13/08	Total Dissolve	ed Solid (TDS)	5780 5780	500	ug/l mg/l	4000 10
	2805090117	M-87				
05/21/08 05/20/08	Chromium, Tota Metals digest:		2.9		mg/l	0.050
05/09/08	PH (H3=past H3	c, not compliant)	Y 7.8		Yes/No Units	0.0010
05/14/08 05/13/08	Perchlorate Total Dissolve	ed Solid (TDS)	279000 3700	500	ug/l mg/l	20000 10

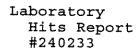




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Tronox LLC - Henderson Susan Crowley PO Box 55 Henderson , NV 89009

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2805090118	M-86				
	2805090118	M-86				
05/21/08 05/20/08	Chromium, Tota Metals digesti		2.7 Y		mg/l	0.050
05/20/08 05/09/08 05/14/08 05/13/08		, not compliant)	7.7 649000 5270	500	Yes/No Units ug/l mg/l	0.0010 40000 10
	2805090119	M-85				
05/21/08 05/20/08	Chromium, Tota Metals digesti		0.065 Y		mg/l Yes/No	0.020
05/09/08 05/14/08		, not compliant)	8.0 19700		Units ug/l	0.0010 4000
05/13/08	Total Dissolve	ed Solid (TDS)	970	500	mg/1	10
	2805090120	M-83				
05/21/08 05/20/08	Chromium, Tota Metals digesti		0.18 Y		mg/l Yes/No	0.020
05/09/08 06/01/08		', not compliant)	7.9 47400		Units ug/l	0.0010 4000
05/13/08	Total Dissolve	d Solid (TDS)	2220	500	mg/l	10
	2805090121	M-70				
05/21/08 05/20/08	Chromium, Tota Metals digesti		4.0 Y		mg/l Yes/No	0.050
05/09/08		', not compliant)	7.7		Units	0.0010





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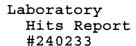
Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2805090121	<b>M</b> -70				
05/30/08 05/13/08	Perchlorate Total Dissolve	ed Solid (TDS)	367000 5020	500	ug/l mg/l	40000 10
	2805090122	M-71				
05/21/08 05/20/08 05/09/08 05/30/08 06/05/08	Chromium, Tota Metals digesti PH (H3=past H7 Perchlorate Total Dissolve	on performed. Control compliant)	4.9 Y 7.6 674000 7590	500	mg/l Yes/No Units ug/l mg/l	0.050 0.0010 100000 10
	2805090123	M-72				
05/21/08 05/20/08 05/09/08 05/30/08 05/13/08	Chromium, Tota Metals digesti PH (H3=past HT Perchlorate Total Dissolve	on performed. Compliant)	4.3 Y 7.6 899000 7950	500	mg/l Yes/No Units ug/l mg/l	0.050 0.0010 100000 10
	2805090124	M-38				
05/21/08 05/20/08 05/09/08 05/30/08 06/04/08	Chromium, Tota Metals digesti PH (H3=past HT Perchlorate Total Dissolve	on performed. c, not compliant)	28 Y 7.5 952000 11800	500	mg/l Yes/No Units ug/l mg/l	0.10 0.0010 100000 10
	2805090132	M-89				
05/21/08	Chromium, Tota	l, ICAP	25		mg/l	0.10



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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2805090132	M-89				
05/20/08 05/09/08 05/30/08 05/13/08	PH (H3=past H Perchlorate	ion performed. T, not compliant) ed Solid (TDS)	Y 7.5 807000 13400	500	Yes/No Units ug/l mg/l	0.0010 100000 10
	2805090133	M-17A				
05/21/08 05/20/08 05/09/08 05/30/08 06/04/08	PH (H3=past H Perchlorate	al, ICAP ion performed. T, not compliant) ed Solid (TDS)	30 Y 7.6 826000 9500	500	mg/l Yes/No Units ug/l mg/l	0.10 0.0010 100000 10
	2805090134	M-76				
05/21/08 05/20/08 05/09/08 05/30/08 05/13/08	PH (H3=past H Perchlorate	al, ICAP ion performed. T, not compliant) ed Solid (TDS)	2.8 Y 7.9 102000 4060	500	mg/l Yes/No Units ug/l mg/l	0.050 0.0010 10000 10
	2805090135	M-75				
05/21/08 05/20/08 05/09/08 05/30/08 05/13/08	PH (H3=past H Perchlorate	al, ICAP ion performed. T, not compliant) ed Solid (TDS)	3.9 Y 7.9 63000 4420	500	mg/l Yes/No Units ug/l mg/l	0.050 0.0010 10000 10
	2805090136	M-2A				

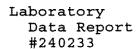




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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2805090136	M-2A				
05/21/08 05/20/08	Chromium, Tot		20		mg/l	0.10
05/20/08 05/09/08 05/30/08 05/13/08	PH (H3=past H Perchlorate	<pre>ion performed. T, not compliant) ed Solid (TDS)</pre>	Y 7.6 486000 11400	500	Yes/No Units ug/l mg/l	0.0010 100000 10
	2805090137	M-36				
05/11/08 05/21/08 05/09/08 05/20/08 05/09/08 05/09/08 05/30/08	Metals digest Nitrate as Ni	al, ICAP romium (Cr VI) ion performed.	8150000 35 37 Y 55.2 7.5 1510000		ug/l mg/l mg/l Yes/No mg/l Units ug/l	500000 0.10 0.50 5.0 0.0010 200000
06/05/08		ed Solid (TDS)	12000	500	mg/l	10
	2805090138	M-10				
05/11/08 05/21/08 05/20/08		al, ICAP ion performed.	233000 1.1 Y		ug/l mg/l Yes/No	10000 0.050
05/09/08 05/09/08 05/30/08 05/13/08	Perchlorate	trogen by IC T, not compliant) ed Solid (TDS)	2.6 7.6 26800 3210	500	mg/l Units ug/l mg/l	1.0 0.0010 4000 10



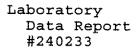


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Tronox LLC - Henderson Susan Crowley PO Box 55 Henderson , NV 89009

Samples Received 05/09/08

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-74	(280509011	.2)	Sampled o	on 05/08/08 06:02				
	05/14/08 08:48	427267	( EPA 314	) Perchlorate	47500	ug/l	4000	1000
05/20/08	05/21/08 00:00	428312	( ML/EPA 6010B	) Chromium, Total, ICAP	0.91	mg/l	0.050	5
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426073	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.7	Units	0.0010	1.
05/13/08	05/13/08 09:05	428172	( B160.1/SM25400	C) Total Dissolved Solid (TDS)	5870	mg/l	10	ı
M-73	(280509011	.5)	Sampled o	on 05/08/08 06:22				
	05/14/08 08:48	427267	( EPA 314	) Perchlorate	249000	ug/l	40000	10000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	3.8	mg/l	0.050	5
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426073	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/13/08	06/05/08 09:05	431812	( E160.1/SM25400	C) Total Dissolved Solid (TDS)	4370 (HA)	mg/l	10	1
M-88	(280509011	.6)	Sampled o	on 05/08/08 06:52				
	05/14/08 08:48	427267	( EPA 314	) Perchlorate	45800	ug/l	4000	1000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	0.88	mg/l	0.020	2
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426073	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/13/08	05/13/08 09:05	428172	( E160.1/SM25400	C) Total Dissolved Solid (TDS)	5780	mg/l	10	1
M-87	(280509011	.7)	Sampled o	on 05/08/08 06:39				
	05/14/08 08:48	427267	( EPA 314	) Perchlorate	279000	ug/l	20000	5000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	2.9	mg/l	0.050	5
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426074	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/13/08	05/13/08 09:05	428172	( E160.1/SM25400	C) Total Dissolved Solid (TDS)	3700	mg/l	10	1





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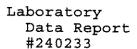
Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-86	(280509011	.8)	Sampled	on 05/08/08 07:27				***************************************
	05/14/08 08:48	427267	( EPA 314	) Perchlorate	649000	ug/l	40000	10000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	2.7	mg/l	0.050	5
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426074	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/13/08	05/13/08 09:05	428172	( B160.1/SM2540	C) Total Dissolved Solid (TDS)	5270	mg/l	10	1
M-85	(280509011	.9)	Sampled	on 05/08/08 07:42				
	05/14/08 08:48	427267	( EPA 314	) Perchlorate	19700	ug/l	4000	1000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	0.065	mg/l	0.020	2
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426074		) PH (H3=past HT, not compliant)	8.0	Units	0.0010	1
05/13/08	05/13/08 09:05	428172	( E160.1/SM25400	C) Total Dissolved Solid (TDS)	970	mg/l	10	1
M-83	(280509012	0)	Sampled o	on 05/08/08 08:14				
	06/01/08 00:51	429922	( EPA 314	) Perchlorate	47400	ug/l	4000	1000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	0.18	mg/l	0.020	2
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426074	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
05/13/08	05/13/08 09:05	428172		C) Total Dissolved Solid (TDS)	2220	mg/l	10	1
<b>M</b> -70	(280509012	1)	Sampled o	on 05/08/08 08:30				
	05/30/08 03:40	429649	- ( BPA 314	) Perchlorate	367000	ug/l	40000	10000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	4.0	mg/1	0.050	5
	05/20/08 15:02			) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426074		) PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/13/08	05/13/08 09:05	428172		C) Total Dissolved Solid (TDS)	5020	mg/l	10	1
M-71	(280509012	2)	Sampled o	on 05/08/08 08:45				
	05/30/08 03:40	429649		) Perchlorate	674000	n=/3	100000	25000
05/20/08	05/21/08 00:00			) Chromium, Total, ICAP	4.9	ug/l mg/l	100000	25000 5
	05/20/08 15:02			) Metals digestion performed.	¥.2	mg/I Yes/No	0.050	1
						162/10	Ų	±
	05/09/08 00:00	426074	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.6	Units	0.0010	1





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		***************************************						
Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-72	(280509012	3)	Sampled	on 05/08/08 09:03				
	05/30/08 03:40	429649	( EPA 314	) Perchlorate	899000	ug/l	100000	25000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	4.3	mg/l	0.050	5
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426074	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/13/08	05/13/08 09:05	428172	( E160.1/SM25400	C) Total Dissolved Solid (TDS)	7950	mg/l	10	1
M-38	(280509012	4)	Sampled	on 05/08/08 09:24				
	05/30/08 03:40	429649	( EPA 314	) Perchlorate	952000	ug/l	100000	25000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	28	mg/l	0.10	10
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426074	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/13/08	06/04/08 00:00	430804	( E160.1/SM25400	C) Total Dissolved Solid (TDS)	11800 (HA)	mg/l	10	1
M-89	(280509013	2)	Sampled o	on 05/08/08 09:42				
	05/30/08 03:40	429649	( EPA 314	) Perchlorate	807000	ug/l	100000	25000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	25	mg/l	0.10	10
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426074	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/13/08	05/13/08 09:05	428172	( E160.1/SM25400	C) Total Dissolved Solid (TDS)	13400	mg/l	10	1
M-17A	(28050901	.33)	Sampled	on 05/08/08 09:53				
	05/30/08 03:40	429649	( EPA 314	) Perchlorate	826000	ug/l	100000	25000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	30	mg/l	0.10	10
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426074	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/13/08	06/04/08 00:00	430804	( E160.1/SM25400	C) Total Dissolved Solid (TDS)	9500 (HA)	mg/l	10	1
M-76	(280509013	4)	Sampled o	on 05/08/08 10:39				
	05/30/08 03:40	429649	( EPA 314	) Perchlorate	102000	ug/l	10000	2500
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	2.8	mg/l	0.050	5
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	¥	Yes/No	0	1
	05/09/08 00:00	426075	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
05/13/08	05/13/08 09:05	428172	( E160.1/SM25400	Total Dissolved Solid (TDS)	4060	mg/l	10	1
				·		. 3,		





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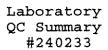
						<del></del>	*****	
Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-75	(280509013	5)	Sampled	on 05/08/08 10:56				
	05/30/08 03:40	429649	( EPA 314	) Perchlorate	63000	ug/l	10000	2500
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	3.9	mg/1	0.050	5
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426075	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
05/13/08	05/13/08 09:05	428172	( E160.1/SM2540	C) Total Dissolved Solid (TDS)	4420	mg/1	10	1
M-2A	(280509013	6)	Sampled	on 05/08/08 10:10				
	05/30/08 03:40	429649	( EPA 314	) Perchlorate	486000	ug/l	100000	25000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	20	mg/l	0.10	10
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 00:00	426075	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/13/08	05/13/08 09:05	428172	( E160.1/SM2540	C) Total Dissolved Solid (TDS)	11400	mg/l	10	1
M-36	(280509013	7)	Sampled	on 05/08/08 11:11				
	05/11/08 22:12	426271	( ML/EPA 9056	) Chlorate by IC	8150000	ug/l	500000	50000
	05/30/08 03:40	429649	( EPA 314	) Perchlorate	1510000	ug/l	200000	50000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	35	mg/l	0.10	10
	05/09/08 10:59	426003	( ML/EPA 7196	) Hexavalent chromium (Cr VI)	37	mg/l	0.50	100
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	¥	Yes/No	0	1
	05/09/08 15:46	427344	( ML/EPA 9056	) Nitrate as Nitrogen by IC	55.2	mg/l	5.0	50
	05/09/08 00:00	426075	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/13/08	06/05/08 09:05	431812	( E160.1/SM25400	C) Total Dissolved Solid (TDS)	12000 (HA)	mg/l	10	1
M-10	(280509013	8)	Sampled	on 05/08/08 12:10				
	05/11/08 22:12	426271	( ML/EPA 9056	) Chlorate by IC	233000	ug/l	10000	1000
	05/30/08 03:40	429649	( EPA 314	) Perchlorate	26800	ug/l	4000	1000
05/20/08	05/21/08 00:00	428343	( ML/EPA 6010B	) Chromium, Total, ICAP	1.1	mq/1	0.050	5
	05/09/08 10:59	426003	( ML/EPA 7196	) Hexavalent chromium (Cr VI)	ND	mg/l	0.0050	1
	05/20/08 15:02		( EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/09/08 14:35	427344	( ML/EPA 9056	) Nitrate as Nitrogen by IC	2.6	mg/l	1.0	10
	05/09/08 00:00	426075	( ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/13/08	05/13/08 08:17	428139		C) Total Dissolved Solid (TDS)	3210	mg/l	10	1



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Tronox LLC - Henderson

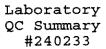
QC Ref	#0 - Metals	s Turbidity	Analysis Date: 05/12/2008
	2805090112	M-74	Analyzed by: jrf
	2805090112	M-74	Analyzed by: jrf
	2805090115	M-73	Analyzed by: axa
	2805090115	M-73	Analyzed by: jrf
	2805090115	M-73	Analyzed by: jrf
	2805090116	M-88	Analyzed by: jrf
	2805090116	M-88	Analyzed by: jrf
	2805090117	M-87	Analyzed by: jrf
	2805090117	M-87	Analyzed by: jrf
	2805090118	M-86	Analyzed by: axa
	2805090118	M-86	Analyzed by: jrf
	2805090118	M-86	Analyzed by: jrf
	2805090119	M-85	Analyzed by: jrf
	2805090119	M-85	Analyzed by: jrf
	2805090120	M-83	Analyzed by: jrf
	2805090120	M-83	Analyzed by: jrf
	2805090121	M-70	Analyzed by: jrf
	2805090121	M-70	Analyzed by: jrf
	2805090122	M-71	Analyzed by: axa
	2805090122	M-71	Analyzed by: jrf
	2805090122	M-71	Analyzed by: jrf
	2805090123	M-72	Analyzed by: jrf
	2805090123	M-72	Analyzed by: jrf
	2805090124	M-38	Analyzed by: jrf
	2805090124	M-38	Analyzed by: jrf
	2805090132	M-89	Analyzed by: axa
	2805090132	M-89	Analyzed by: jrf
	2805090132	M-89	Analyzed by: jrf
	2805090133	M-17A	Analyzed by: jrf
	2805090133	M-17A	Analyzed by: jrf
	2805090134	M-76	Analyzed by: jrf
	2805090134	M-76	Analyzed by: jrf
	2805090135	M-75	Analyzed by: jrf
	2805090135	M-75	Analyzed by: jrf
	2805090136	AS-M	Analyzed by: jrf
	2805090136	M-2A	Analyzed by: jrf
	2805090137	M-36	Analyzed by: axa
	2805090137	M-36	Analyzed by: jrf
	2805090137	M-36	Analyzed by: jrf
	2805090138	M-10	Analyzed by: jrf
	2805090138	M-10	Analyzed by: jrf





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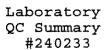
QC Ref #426003 - Hex	avalent chromium	(Cr VI) Analysis Date: 05/09/2008
2805090137 2805090138	M-36 M-10	Analyzed by: azs Analyzed by: azs
QC Ref #426073 - PH	(H3=past HT, not	compliant) Analysis Date: 05/09/2008
2805090112 2805090115 2805090116	M-74 M-73 M-88	Analyzed by: sar Analyzed by: sar Analyzed by: sar
QC Ref #426074 - PH	(H3=past HT, not	compliant) Analysis Date: 05/09/2008
2805090117 2805090118 2805090119 2805090120 2805090121 2805090122 2805090123 2805090124 2805090132 2805090133	M-87 M-86 M-85 M-83 M-70 M-71 M-72 M-38 M-89 M-17A	Analyzed by: sar
QC Ref #426075 - PH	(H3=past HT, not	compliant) Analysis Date: 05/09/2008
2805090134 2805090135 2805090136 2805090137 2805090138	M-76 M-75 M-2A M-36 M-10	Analyzed by: sar Analyzed by: sar Analyzed by: sar Analyzed by: sar Analyzed by: sar
QC Ref #426271 - Ch	lorate by IC	Analysis Date: 05/11/2008
2805090137 2805090138	M-36 M-10	Analyzed by: clv Analyzed by: clv





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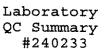
QC Ref #427267 - Perch	Lorate	Analysis Date: 05/14/2008
2805090112 2805090115 2805090116 2805090117 2805090118 2805090119	M-74 M-73 M-88 M-87 M-86 M-85	Analyzed by: clv
QC Ref #427344 - Nitra	te as Nitrogen by IC	Analysis Date: 05/09/2008
2805090137 2805090138	M-36 M-10	Analyzed by: sxk Analyzed by: sxk
QC Ref #428139 - Total	Dissolved Solid (TDS)	Analysis Date: 05/13/2008
2805090138	M-10	Analyzed by: axa
QC Ref #428172 - Total	Dissolved Solid (TDS)	Analysis Date: 05/13/2008
2805090112 2805090116 2805090117 2805090118 2805090119 2805090120 2805090121 2805090123 2805090132 2805090134 2805090135 2805090136	M-74 M-88 M-87 M-86 M-85 M-83 M-70 M-72 M-89 M-76 M-75 M-2A	Analyzed by: axa





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QC	Ref	#428312	- Chromium,	Total,	ICAP	Analysis	Date: 05/2	21/2008
		280509	90112	M-74		An	alyzed by:	: csk
QC	Ref	#428343	- Chromium,	Total,	ICAP	Analysis	Date: 05/2	21/2008
		280509 280509 280509 280509 280509 280509 280509 280509 280509 280509 280509 280509 280509 280509	90116 90117 90118 90119 90120 90121 90122 90123 90124 90132 90133 90134 90135 90137	M-73 M-88 M-87 M-86 M-85 M-70 M-71 M-72 M-38 M-89 M-174 M-76 M-75 M-2A M-36 M-10	Ą	An An An An An An An An An An	alyzed by	csk
QC	Ref	280509 280509	90122	M-70 M-71		An An	Date: 05/3 nalyzed by nalyzed by	clv clv
		280509 280509 280509 280509 280509 280509 280509	90124 90132 90133 90134 90135 90136 90137	M-72 M-38 M-89 M-171 M-76 M-75 M-2A M-36 M-10	Ą	An An An An An An	malyzed by	clv clv clv clv clv clv





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Tronox LLC - Henderson (continued)

QC Ref #429922 - Perchlorate

Analysis Date: 06/01/2008

2805090120

M-83

Analyzed by: clv

QC Ref #430804 - Total Dissolved Solid (TDS) Analysis Date: 06/04/2008

> 2805090124 M - 382805090133 M-17A

Analyzed by: axa Analyzed by: axa

QC Ref #431812 - Total Dissolved Solid (TDS) Analysis Date: 06/05/2008

> 2805090115 M - 73Analyzed by: axa 2805090122 M - 71Analyzed by: axa 2805090137 M-36 Analyzed by: axa



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Tronox LLC - Henderson

QC	Ref	#426003	Hexavale	ent chr	omium (	Cr VI	:)		
QC AASPKSMP		Analyte		Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1		Spiked sample		Lab # 28	05090238	MGL		( 0-0 )	
LCS1 LCS2		Hexavalent chromium (C:	<b>.</b>	0.050	0.055	MGL	110.0	( 85-115 )	
		Hexavalent chromium (Cr		0.050	0.052	MGL	104.0	( 85-115 )	
MBLK		Hexavalent chromium (Cr		ND	<0.0050	MGL			
MRL_CHK MS		Hexavalent chromium (Cr		0.005	0.005	MGL	100.0	(50-150)	
		Hexavalent chromium (Cr	·	0.05	0.046	MGL	92.0	( 70-130 )	
MSD		Hexavalent chromium (Cr	r VI)	0.05	0.051	MGL	102.0	( 70-130 )	
QC	Ref	#426073	РН (Н3=р	ast HI	', not c	ompli	ant)		
QC		Analyte		Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP		PH (H3=past HT, not com	mpliant)	7.75	7.75	UNIT		( 0-20 )	0.0
QC QC	Ref	#426074 I	PH (H3=p	ast HT Spiked 7.59	, not c	ompli Units UNIT	ant)	Limits (%)	RPD (%)
QC	Ref	#426075	q=EH) H9	ast HT	, not c	ompli	ant)		
QC		Analyte		Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP		PH (H3=past HT, not com	pliant)	7.64	7.64	UNIT		( 0-20 )	0.0
QC	Ref	#426271	Chlorate	by IC					
QC		Analyte		Spiked	Recovered	Units	Yield (%)	Limits (%)	DDD (6.)
AASPKSMP		Spiked sample		Lab # 28	05080422	UGL	****** (.2)		RPD (%)
LCS1		Chlorate by IC		200	199	UGL	99.5	-	
LCS2		Chlorate by IC		200	201	UGL		(90-110)	
				200	E 0 T	UGL	100.5	( 90-110 )	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by <u>Underlining.</u>
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.



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Tronox LLC - Henderson (continued)

MBLK	Chlorate by IC	ND	<10	UGL				
MRL_CHK	Chlorate by IC	10.000	12.0	UGL	120.0	(	50-150	)
MS	Chlorate by IC	100	100	UGL	100.0	1	75-125	)
MSD	Chlorate by IC	100	91.0	UGL	91.0	{	75-125	)
RPD_LCS	Chlorate by IC	99.500	100.500	UGL	1.0	(	0-20	}
RPD_MS	Chlorate by IC	100.000	91.000	UGL	9.4	{	0-20	}

# QC Ref #427267 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%) RPD (%)
MS	Spiked sample	Lab # 28	05100126	UGL		( 0-0 )
LCS1	Perchlorate	25.0	26.6	UGL	106.4	( 85-115 )
LCS2	Perchlorate	25.0	25.9	UGL	103.6	( 85-115 )
LCS3	Perchlorate	4	3.39	UGL	84.8	( 75-125 )
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	27.3	UGL	109.2	( 80-120 )
MSD	Perchlorate	25.0	26.2	UGL	104.8	( 80-120 )
RPD_LCS	Perchlorate	106.400	103.600	UGL	2.7	( 0-15 )
RPD_MS	Perchlorate	109.200	104.800	UGL	1.0	( 0-15 )

# QC Ref #427344 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%) RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05090232	MGL		( 0-0 )
LCS1	Nitrate as Nitrogen by IC	2.5	2.55	MGL	102.0	( 90-110 )
LCS2	Nitrate as Nitrogen by IC	2.5	2.48	MGL	99.2	( 90-110 )
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL		
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.051	MGL	102.0	( 50-150 )
MS	Nitrate as Nitrogen by IC	1.25	1.59	MGL	127.2	( 80-112 )
MSD	Nitrate as Nitrogen by IC	1.25	1.30	MGL	104.0	( 80-112 )
RPD_LCS	Nitrate as Nitrogen by IC	102.000	99.200	MGL	2.8	( 0-20 )
RPD_MS	Nitrate as Nitrogen by IC	127.200	104.000	MGL	20.1	( 0~20 )

Spikes which exceed Limits and Method Blanks with positive results are highlighted by <u>Underlining.</u>
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.



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Tronox LLC - Henderson (continued)

# QC Ref #428139 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	0509138	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	3230	3210	MGL		( 0-10 )	0.6
LCS1	Total Dissolved Solid (TDS)	175	152	MGL	86.9	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	668	MGL	95.4	( 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)	86.857	95.429	MGL	9.4	( 0-20 )	

# QC Ref #428172 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05080993	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	2642	2626	MGL		( 0-10 )	0.6
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	680	MGL	97.1	( 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)	93.714	97.143	MGL	3.6	( 0-20 )	

# QC Ref #428312 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05080677	MGL		( 0-0 )	
LCS1	Chromium, Total, ICAP	1.00	0.985	MGL	98.5	( 85-115 )	
LCS2	Chromium, Total, ICAP	1.00	0.953	MGL	95.3	( 85-115 )	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0115	MGL	115.0	( 50-150 )	
MS	Chromium, Total, ICAP	1.00	0.955	MGL	95.5	( 70-130 )	
MS2	Chromium, Total, ICAP	1.00	0.950	MGL	95.0	( 70-130 )	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by <u>Underlining</u>. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.



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# Tronox LLC - Henderson (continued)

MSD	Chromium, Total, ICAP	1.00	0.947	MGL	94.7	( 70-130 )
MSD3	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	( 70-130 )

# QC Ref #428343 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%) RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05090119	MGL		( 0-0 )
LCS1	Chromium, Total, ICAP	1.00	0.959	MGL	95.9	( 85-115 )
LCS2	Chromium, Total, ICAP	1.00	0.961	MGL	96.1	( 85-115 )
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL		
MRL CHK	Chromium, Total, ICAP	0.010	0.0114	MGL	114.0	( 50-150 )
MS	Chromium, Total, ICAP	1.00	0.989	MGL	98.9	( 70-130 )
MS2	Chromium, Total, ICAP	1.00	0.950	MGL	95.0	( 70-130 )
MSD	Chromium, Total, ICAP	1.00	0.948	MGL	94.8	( 70-130 )
MSD2	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	( 70-130 )

# QC Ref #429649 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%) RPD (%)
MS	Spiked sample	Lab # 28	05080943	UGL		( 0-0 )
LCS1	Perchlorate	25.0	24.5	UGL	98.0	( 85-115 )
LCS2	Perchlorate	25.0	24.0	UGL	96.0	( 85-115 )
LCS3	Perchlorate	4	4.03	UGL	100.8	( 75-125 )
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	24.4	UGL	97.6	( 80-120 )
MSD	Perchlorate	25.0	24.1	UGL	96.4	( 80-120 )
RPD LCS	Perchlorate	98.000	96.000	UGL	2.1	( 0-15 )
RPD_MS	Perchlorate	97.600	96.400	UGL	1.0	( 0-15 )

Spikes which exceed Limits and Method Blanks with positive results are highlighted by <u>Underlining.</u> Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

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Tronox LLC - Henderson (continued)

QC Ref	#429922	Perchlor	ate					
			en i in a d	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
QC .	Analyte		Spiked Lab # 28	05130597	ner	ireid (4)	( 0-0 )	X22 (5)
MS	Spiked sample		25.0	23.9	UGL	95.6	(85-115)	
LCS1	Perchlorate		25.0	22.8	UGL	91.2	(85-115)	
LCS2	Perchlorate		25.V 4	3.88	UGL	97.0	( 75-125 )	
LCS3	Perchlorate		ND T	<4.0	UGL	3740	(	
MBLK	Perchlorate		ND 25.0	23.4	UGL	93.6	( 80-120 )	
MS	Perchlorate		25.0	23.4	UGL	93.6	( 80-120 )	
MSD	Perchlorate		95.600	91.200	UGL	4.7	( 0-15 )	
RPD_LCS	Perchlorate		93.600	93.600	UGL	1.0	( 0-15 )	
RPD_MS	Perchlorate		93.800	93.600	OGD	7.0	( 0-15 /	
QC Ref	#430804	Total D	issolve Spiked	ed Solic	(TD:	5) Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample		Lab # 28	05090124	MGL		( 0-0 )	
DUP	Total Dissolved Soli	d (TDS)	11800	11800	MGL		( 0-10 )	0.0
LCS1	Total Dissolved Soli		175	134	MGL	76.6	( 80-114 )	
LCS2	Total Dissolved Soli	d (TDS)	700	656	MGL	93.7	( 80-114 )	
MBLK	Total Dissolved Soli	d (TDS)	ND	<1.0	MGL			
MRL CHK	Total Dissolved Soli	d (TDS)	10.0	9	MGL	90.0	( 50-150 )	
RPD LCS	Total Dissolved Soli	d (TDS)	76.571	93.714	MGL	20.1	( 0-20 )	
****								
QC Ref	#431812	Total D	issolve	ed Solid	d (TD	S)		
QC			Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
	Analyte		apriced	100000000000000000000000000000000000000	GILLES	******* (0)	MANAGE (0)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by <u>Underlining</u>. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

5590

1.75

700

ND

Total Dissolved Solid (TDS)

Total Dissolved Solid (TDS)

Total Dissolved Solid (TDS)

Total Dissolved Solid (TDS)

DUP

LCS1

LCS2

MBLK

5580

160

676

<10

MGL

MGL

MGL

MCL

91.4

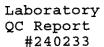
96.6

( 0-10 )

( 80-114 )

( 80-114 )

0.2





750 Royat Oaks Drive, Suite 100 Monrovia, California 91016-3629 Tel: 626 396 1100 Fax: 626 396 1101 1 800 566 LABS (1 800 566 5227)

Tronox LLC - Henderson (continued)

MRL\_CHK Total Dissolved Solid (TDS) 10.0 10 MGL 100.0 (50-150)

RPD\_LCS Total Dissolved Solid (TDS) 91.429 96.571 MGL 5.5 (0-20)

Spikes which exceed Limits and Method Blanks with positive results are highlighted by <u>Underlining.</u> Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.