



MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LA55 (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



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].



MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 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:

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



240233

MWLABS USE ONLY:

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

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: WUB

SAMPLE TEMP, RECEIPT AT LAB: 4°C

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

KERRMCGEE-MP

Sampler: Michelle Brown

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

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

TIME DATE LOCATION IDENTIFIER, STATE ID# MATRIX GRAB COMP

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CR 6010	PH 9040	TDS	CLO4	CRVI 7196	CLO3 9056	NO3 9056	See Bottle Order	SAMPLER Comments
602	5-8-08		M-74	RGW	X		X	X	X	X					2 Bottles
622	5-8-08		M-73	RGW	X		X	X	X	X					2 Bottles
652	5-8-08		M-88	RGW	X		X	X	X	X					2 Bottles
639	5-8-08		M-87	RGW	X		X	X	X	X					2 Bottles
727	5-8-08		M-86	RGW	X		X	X	X	X					2 Bottles
742	5-8-08		M-85	RGW	X		X	X	X	X					2 Bottles
755	5-8-08		M-84	RGW	X		X	X	X	X					2 Bottles
814	5-8-08		M-83	RGW	X		X	X	X	X					2 Bottles
830	5-8-08		M-10	RGW	X		X	X	X	X					2 Bottles
805	5-8-08		M-71	RGW	X		X	X	X	X					2 Bottles
903	5-8-08		M-72	RGW	X		X	X	X	X					2 Bottles
924	5-8-08		M-38	RGW	X		X	X	X	X					2 Bottles

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

Reported by Weight:
SO = Soil
SL = Sludge

RGW = Raw Ground Water
RSW = Raw Surface Water

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

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY: <u>Michelle Brown</u>	Veolia Water NA for Tronox LLC - Henderson Plant	5-8-08	12:00PM
RECEIVED BY: <u>M. McGee</u>		5-9-08	1:00P
RELINQUISHED BY:			
RECEIVED BY:			



M/LABS USE ONLY:

750 Royal Oaks Ave, Suite 100, Montrovia, CA 91016
(626) 366-1100 (800) 566-5227

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

Quaterly Groundwater Sampling

Schedule B

KERRMCGEE-MP

Sampler: Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)							SAMPLER Comments
							CR 6010	PH 9040	TDS	CL04	CRVI 7196	CL03 9056	NC03 9056	
9:42	5-8-08		M-89	RGW	X		X	X	X					2 Bottles
9:53	5-8-08		M-17A	RGW	X		X	X	X					2 Bottles
10:39	5-8-08		M-76	RGW	X		X	X	X					2 Bottles
10:56	5-8-08		M-75	RGW	X		X	X	X					2 Bottles
10:10	5-8-08		M-2A	RGW	X		X	X	X					2 Bottles
11:11	5-8-08		M-36	RGW	X		X	X	X	X				2 Bottles
12:10	5-8-08		M-10	RGW	X		X	X	X	X				2 Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chloraminated 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

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE TIME

RELINQUISHED BY

Michele Brown

Michele Brown

Veolia Water NA for Tronox LLC - Henderson Plant

5-8-08 12:00PM

RECEIVED BY

M. DENUSA

M. DENUSA

5-9-08 10:00

RELINQUISHED BY

RECEIVED BY

SCANNED

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 today 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

SCANNED

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



CLS120787/2124

Ship Date: 08MAY08
ActWgt: 30 LB
System#: 2274147/INET8011
Account#: S *****

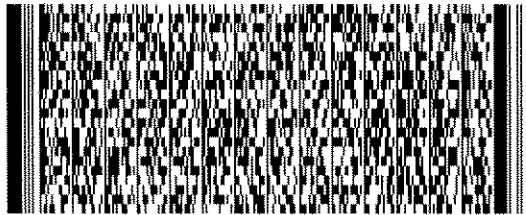
Delivery Address Bar Code



Ref # MSO #143105 -30 Lbs
Invoice #
PO #
Dept #

SHIP TO: 6265686400 **BILL SENDER**
ATTN: SAMPLE RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS DR # 100

MONROVIA, CA 910163629

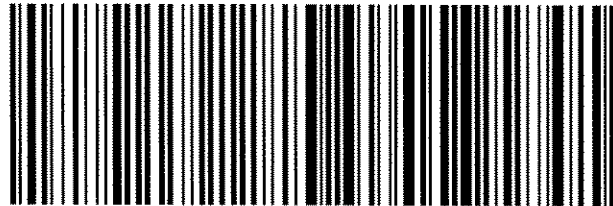


TRK# 7989 3780 4990
0201

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.

SCANNED

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



CLS1207820124

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

Delivery Address Bar Code



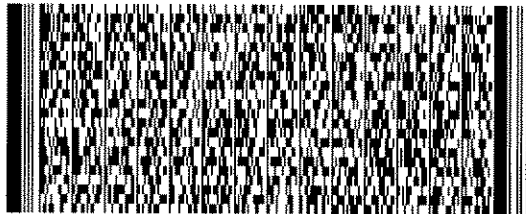
Ref # MSO #143105 -60 Lbs
Invoice #
PO #
Dept #

SHIP TO: 6265686400 **BILL SENDER**
ATTN: SAMPLE RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS DR # 100

MONROVIA, CA 910163629

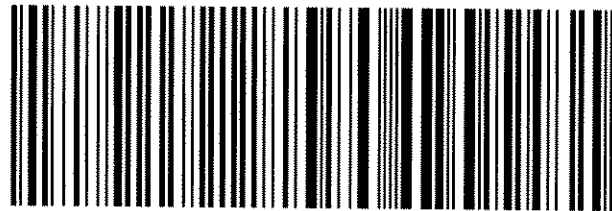
TRK# 7910 6292 7779
0201

FRI - 09MAY A2
PRIORITY OVERNIGHT



QZ WHPA

91016
CA-US
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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.

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: 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

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 05/08/08	FROM NO. STATION: STATE Henderson, NV 89015
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400		Authorization S. CROWLEY	
FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect		FULL NAME OF SHIPPER TRONOX LLC CODE NO. WCN IS 1321.10400	
N/A/R	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM Henderson, NV	If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Ice chest with water samples Monitoring Wells quarterly One ice chest @ 60 Lbs One Ice chest @ 30 Lbs Not Regulated		1 COOLER
TRUCK SHIPMENTS PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US.
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
1	TOTAL GROSS WEIGHT 90	TOTAL TARE WEIGHT 0	90
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 Lemma Hunde	AGENT	PER

SCANNED

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.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2805090112	M-74	CLO4 CR6010	Water P PH9040	08-may-2008 06:02:00 T TDS
2805090115	M-73	CLO4 CR6010	Water P PH9040	08-may-2008 06:22:00 T TDS
2805090116	M-88	CLO4 CR6010	Water P PH9040	08-may-2008 06:52:00 T TDS
2805090117	M-87	CLO4 CR6010	Water P PH9040	08-may-2008 06:39:00 T TDS
2805090118	M-86	CLO4 CR6010	Water P PH9040	08-may-2008 07:27:00 T TDS
2805090119	M-85	CLO4 CR6010	Water P PH9040	08-may-2008 07:42:00 T TDS
2805090120	M-83	CLO4 CR6010	Water P PH9040	08-may-2008 08:14:00 T TDS
2805090121	M-70	CLO4 CR6010	Water P PH9040	08-may-2008 08:30:00 T TDS
2805090122	M-71	CLO4 CR6010	Water P PH9040	08-may-2008 08:45:00 T TDS
2805090123	M-72	CLO4 CR6010	Water P PH9040	08-may-2008 09:03:00 T TDS
2805090124	M-38	CLO4 CR6010	Water P PH9040	08-may-2008 09:24:00 T TDS
2805090132	M-89	CLO4 CR6010	Water P PH9040	08-may-2008 09:42:00 T TDS
2805090133	M-17A	CLO4 CR6010	Water P PH9040	08-may-2008 09:53:00 T TDS
2805090134	M-76	CLO4 CR6010	Water P PH9040	08-may-2008 10:39:00 T TDS
2805090135	M-75	CLO4 CR6010	Water P PH9040	08-may-2008 10:56:00 T TDS
2805090136	M-2A	CLO4 CR6010	Water P PH9040	08-may-2008 10:10:00 T TDS
2805090137	M-36	CLO39056 CLO4 CR6010	Water P PH9040	08-may-2008 11:11:00 T TDS
			CRVI7196	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 Scheduled	Matrix	Sample Date
2805090137	M-36 (con't)			
		PH9040 T	TDS	
2805090138	M-10		Water	08-may-2008 12:10:00
		CLO39056 CLO4	CR6010	CRVI7196 NO39056 P
		PH9040 T	TDS	

Test Acronym Description

Test Acronym	Description
CLO39056	Chlorate by IC
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
CRVI7196	Hexavalent chromium (Cr VI)
NO39056	Nitrate as Nitrogen by IC
P	Metals sample pH
PH9040	PH (H3=past HT, not compliant)
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)



MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3625
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Report
Comments
#240233

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#: 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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Report
Comments
#240233



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 Monrovia, California 91016-3829
 Tel: 626 386 1100
 Fax: 626 386 1101
 1 800 566 LABS (1 800 566 5227)

Laboratory
 Hits Report
 #240233

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

Samples Received
 09-may-2008 15:04:52

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

SUMMARY OF POSITIVE DATA ONLY.



750 Royal 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
 Hits Report
 #240233

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

Samples Received
 09-may-2008 15:04:52

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2805090118	M-86				
	2805090118	M-86				
05/21/08	Chromium, Total, ICAP		2.7		mg/l	0.050
05/20/08	Metals digestion performed.		Y		Yes/No	
05/09/08	PH (H3=past HT, not compliant)		7.7		Units	0.0010
05/14/08	Perchlorate		649000		ug/l	40000
05/13/08	Total Dissolved Solid (TDS)		5270	500	mg/l	10
	2805090119	M-85				
05/21/08	Chromium, Total, ICAP		0.065		mg/l	0.020
05/20/08	Metals digestion performed.		Y		Yes/No	
05/09/08	PH (H3=past HT, not compliant)		8.0		Units	0.0010
05/14/08	Perchlorate		19700		ug/l	4000
05/13/08	Total Dissolved Solid (TDS)		970	500	mg/l	10
	2805090120	M-83				
05/21/08	Chromium, Total, ICAP		0.18		mg/l	0.020
05/20/08	Metals digestion performed.		Y		Yes/No	
05/09/08	PH (H3=past HT, not compliant)		7.9		Units	0.0010
06/01/08	Perchlorate		47400		ug/l	4000
05/13/08	Total Dissolved Solid (TDS)		2220	500	mg/l	10
	2805090121	M-70				
05/21/08	Chromium, Total, ICAP		4.0		mg/l	0.050
05/20/08	Metals digestion performed.		Y		Yes/No	
05/09/08	PH (H3=past HT, not compliant)		7.7		Units	0.0010

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Laboratory
Hits Report
#240233

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

Samples Received
09-may-2008 15:04:52

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

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Samples Received
 09-may-2008 15:04:52

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

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Laboratory
Hits Report
#240233

Tronox LLC - Henderson
Susan Crowley
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Henderson , NV 89009

Samples Received
09-may-2008 15:04:52

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

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Laboratory
Data Report
#240233

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 (2805090112) Sampled 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	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5870	mg/l	10	1
M-73 (2805090115) Sampled 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/SM2540C)	Total Dissolved Solid (TDS)	4370(HA)	mg/l	10	1
M-88 (2805090116) Sampled 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/SM2540C)	Total Dissolved Solid (TDS)	5780	mg/l	10	1
M-87 (2805090117) Sampled 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/SM2540C)	Total Dissolved Solid (TDS)	3700	mg/l	10	1



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Data Report
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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-86 (2805090118) 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	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5270	mg/l	10	1
M-85 (2805090119) 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	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	8.0	Units	0.0010	1
05/13/08	05/13/08 09:05	428172	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	970	mg/l	10	1
M-83 (2805090120) Sampled 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	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2220	mg/l	10	1
M-70 (2805090121) Sampled on 05/08/08 08:30								
	05/30/08 03:40	429649	(EPA 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/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	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5020	mg/l	10	1
M-71 (2805090122) Sampled on 05/08/08 08:45								
	05/30/08 03:40	429649	(EPA 314)	Perchlorate	674000	ug/l	100000	25000
05/20/08	05/21/08 00:00	428343	(ML/EPA 6010B)	Chromium, Total, ICAP	4.9	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)	7.6	Units	0.0010	1
05/13/08	06/05/08 09:05	431812	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7590 (HA)	mg/l	10	1



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 #240233

Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-72 (2805090123) 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/SM2540C)	Total Dissolved Solid (TDS)	7950	mg/l	10	1
M-38 (2805090124) 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/SM2540C)	Total Dissolved Solid (TDS)	11800(HA)	mg/l	10	1
M-89 (2805090132) Sampled 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/SM2540C)	Total Dissolved Solid (TDS)	13400	mg/l	10	1
M-17A (2805090133) 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/SM2540C)	Total Dissolved Solid (TDS)	9500(HA)	mg/l	10	1
M-76 (2805090134) Sampled 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.	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/SM2540C)	Total Dissolved Solid (TDS)	4060	mg/l	10	1



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Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-75 (2805090135) 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/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	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/SM2540C)	Total Dissolved Solid (TDS)	4420	mg/l	10	1
M-2A (2805090136) 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/SM2540C)	Total Dissolved Solid (TDS)	11400	mg/l	10	1
M-36 (2805090137) 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.	Y	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/SM2540C)	Total Dissolved Solid (TDS)	12000 (HA)	mg/l	10	1
M-10 (2805090138) 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	mg/l	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	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3210	mg/l	10	1



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QC Summary
#240233

Tronox LLC - Henderson

QC Ref #0

- Metals 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	M-2A	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 - Hexavalent chromium (Cr VI) Analysis Date: 05/09/2008

2805090137	M-36	Analyzed by: azs
2805090138	M-10	Analyzed by: azs

QC Ref #426073 - PH (H3=past HT, not compliant) Analysis Date: 05/09/2008

2805090112	M-74	Analyzed by: sar
2805090115	M-73	Analyzed by: sar
2805090116	M-88	Analyzed by: sar

QC Ref #426074 - PH (H3=past HT, not compliant) Analysis Date: 05/09/2008

2805090117	M-87	Analyzed by: sar
2805090118	M-86	Analyzed by: sar
2805090119	M-85	Analyzed by: sar
2805090120	M-83	Analyzed by: sar
2805090121	M-70	Analyzed by: sar
2805090122	M-71	Analyzed by: sar
2805090123	M-72	Analyzed by: sar
2805090124	M-38	Analyzed by: sar
2805090132	M-89	Analyzed by: sar
2805090133	M-17A	Analyzed by: sar

QC Ref #426075 - PH (H3=past HT, not compliant) Analysis Date: 05/09/2008

2805090134	M-76	Analyzed by: sar
2805090135	M-75	Analyzed by: sar
2805090136	M-2A	Analyzed by: sar
2805090137	M-36	Analyzed by: sar
2805090138	M-10	Analyzed by: sar

QC Ref #426271 - Chlorate by IC Analysis Date: 05/11/2008

2805090137	M-36	Analyzed by: clv
2805090138	M-10	Analyzed by: clv



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Tronox LLC - Henderson
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QC Ref #427267 - Perchlorate

Analysis Date: 05/14/2008

2805090112	M-74	Analyzed by: clv
2805090115	M-73	Analyzed by: clv
2805090116	M-88	Analyzed by: clv
2805090117	M-87	Analyzed by: clv
2805090118	M-86	Analyzed by: clv
2805090119	M-85	Analyzed by: clv

QC Ref #427344 - Nitrate as Nitrogen by IC

Analysis Date: 05/09/2008

2805090137	M-36	Analyzed by: sxx
2805090138	M-10	Analyzed by: sxx

QC Ref #428139 - Total Dissolved Solid (TDS)

Analysis Date: 05/13/2008

2805090138	M-10	Analyzed by: axa
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QC Ref #428172 - Total Dissolved Solid (TDS)

Analysis Date: 05/13/2008

2805090112	M-74	Analyzed by: axa
2805090116	M-88	Analyzed by: axa
2805090117	M-87	Analyzed by: axa
2805090118	M-86	Analyzed by: axa
2805090119	M-85	Analyzed by: axa
2805090120	M-83	Analyzed by: axa
2805090121	M-70	Analyzed by: axa
2805090123	M-72	Analyzed by: axa
2805090132	M-89	Analyzed by: axa
2805090134	M-76	Analyzed by: axa
2805090135	M-75	Analyzed by: axa
2805090136	M-2A	Analyzed by: axa



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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-38
2805090133 M-17A

Analyzed by: axa
Analyzed by: axa

QC Ref #431812 - Total Dissolved Solid (TDS)

Analysis Date: 06/05/2008

2805090115 M-73
2805090122 M-71
2805090137 M-36

Analyzed by: axa
Analyzed by: axa
Analyzed by: axa

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QC Ref #426003 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05090238	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.055	MGL	110.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.052	MGL	104.0	(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)	0.05	0.046	MGL	92.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.05	0.051	MGL	102.0	(70-130)	

QC Ref #426073 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.75	7.75	UNIT		(0-20)	0.0

QC Ref #426074 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.59	7.59	UNIT		(0-20)	0.0

QC Ref #426075 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.64	7.64	UNIT		(0-20)	0.0

QC Ref #426271 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05080422	UGL		(0-0)	
LCS1	Chlorate by IC	200	199	UGL	99.5	(90-110)	
LCS2	Chlorate by IC	200	201	UGL	100.5	(90-110)	

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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	(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	<u>127.2</u>	(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	<u>20.1</u>	(0-20)	

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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)	

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MSD	Chromium, Total, ICAP	1.00	0.947	MGL	94.7	(70-130)
MSD2	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)	

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QC Ref #429922 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 28	05130597	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS2	Perchlorate	25.0	22.8	UGL	91.2	(85-115)	
LCS3	Perchlorate	4	3.88	UGL	97.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.4	UGL	93.6	(80-120)	
MSD	Perchlorate	25.0	23.4	UGL	93.6	(80-120)	
RPD_LCS	Perchlorate	95.600	91.200	UGL	4.7	(0-15)	
RPD_MS	Perchlorate	93.600	93.600	UGL	1.0	(0-15)	

QC Ref #430804 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05090124	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	11800	11800	MGL		(0-10)	0.0
LCS1	Total Dissolved Solid (TDS)	175	134	MGL	<u>76.6</u>	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	656	MGL	93.7	(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)	76.571	93.714	MGL	<u>20.1</u>	(0-20)	

QC Ref #431812 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05090118	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	5590	5580	MGL		(0-10)	0.2
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	676	MGL	96.6	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

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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)

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