



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)

Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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

DATE OF ISSUE
Jul 01 2009
MWH LABORATORIES

ADE Andy Eaton
Project Manager



Report#: 270628
Project: CLO4
PO#: Susan Crowle

This report shall not be reproduced except in full, without the written approval of the laboratory.
Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 18 page[s].



MWH

BUILDING A BETTER WORLD

July 2, 2009

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

Subject: Case Narrative report 270628

Sample receipt: The samples arrived at MWH on May 12, 2009, 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:

Two samples were initially analyzed within hold time for TDS, and re-analyzed past hold time due to inconsistent results. Results from the past hold time analysis are reported.

Note that for ion chromatography tests such as perchlorate, the exact analysis time is not shown on the report. Only the date of analysis appears. The time normally defaults to 00:00.

If you have any questions, do not hesitate to contact us.

Sincerely yours,

Andrew Eaton, PhD
Project Manager

270629

CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES



MWLABS USE ONLY:

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

SAMPLES CHECKED/LOGGED IN BY: MPD
 SAMPLE TEMP, RECEIPT AT LAB: 4c
 BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CLO4	TDS	OR	SAMPLER COMMENTS
9:45	5/11/09		ART-1	RSW	X		X	X		
5:30	5/11/09		ART-2	RSW	X		X	X		
5:30	5/11/09		ART-3	RSW	X		X	X		
5:30	5/11/09		ART-4	RSW	X		X	X		
			ART-5	RSW	X					NO SAMPLE
9:30	1/1/04		ART-6	RSW	X		X	X		
5:30	1/1/04		ART-7	RSW	X		X	X		
5:30	1/1/04		ART-8	RSW	X		X	X		
0600	1/1/04		PC-99R2/R3	RSW	X		X	X		
0600	1/1/04		PC-115R	RSW	X		X	X		
0600	1/1/04		PC-116R	RSW	X		X	X		
			Seep Surface Flow	RSW	X					NO SAMPLE

Reported by Weight:

SO = Soil
 SL = Sludge

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

RGW = Raw Ground Water
 RSW = Raw Surface Water

Reported by Volume:
 CRW = Chloraminated Finished Water
 FW = Other Finished Water

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY: Michele Brown PRINT NAME: Michele Brown COMPANY/TITLE: Veolia Water for Tronox LLC - Henderson Plant DATE: 5/11/2009 TIME: 1200pm

RECEIVED BY: M. DE MESA SIGNATURE: [Signature] PRINT NAME: M. DE MESA COMPANY/TITLE: MNH DATE: 5-12-9 TIME: 1030

RELINQUISHED BY: _____ RECEIVED BY: _____



MONTGOMERY WATSON LABORATORIES CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME
 KERRMCGEE-MP
 PROJECT JOB # / P.O.#
 Collection Wells Fields - Monthly - SO #2373
 Tronox LLC - Henderson Plant LLC
 PO Box 55
 Henderson, NV 89009
 Sampler Signature: *Michele Brown*
 Susan Crowley (702) 651-2200

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	Total Cl ₂	TDS	SR	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)	SAMPLER COMMENTS
6:00	5/11/09		SF-1	RSW	X		X	X			
6:00	5/11/09		PC-117	RSW	X		X	X			
6:00	5/11/09		PC-118	RSW	X		X	X			
6:00	5/11/09		PC-119	RSW	X		X	X			
6:00	5/11/09		PC-120	RSW	X		X	X			
6:00	5/11/09		PC-121	RSW	X		X	X			
6:00	5/11/09		PC-133	RSW	X		X	X			
5:30	5/11/09		ART-9	RSW	X		X	X			

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water

FW = Other Finished Water

RGW = Raw Ground Water

RSW = Raw Surface Water

CWW = Chlorinated Waste Water

WW = Other Waste Water

SW = Storm Water

Reported by Weight:

SO = Soil

SL = Sludge

SIGNATURE

RELINQUISHED BY: *Michele Brown*

RECEIVED BY:

M. DE MESA

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water for Tronox LLC - Henderson Plant

TIME

1200pm

DATE

5/11/2009

DATE

5-12-9

TIME

1030



MWH Laboratories, a Division of MWH Americas, Inc.
 750 Royal Oaks Avenue Suite 100
 Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Tronox LLC- Henderson
Standing

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

Client Code KERRMCGEE-IMP
 Project Code CLO4
 PO# / Job# GWREMEDIATION
 Blanket PO

SO# 47683 12373 RS **Sampler: Please Return this Paper with your samples**

Created by GJY
 Order Date 04/16/09
 Date Needed by Client
 Date Samples to Arrive at MWL
 SHIP LOCATION

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

Send Report to
 Tronox, LLC
 Attn: Accounts Payable
 P.O. BOX 268859
 Oklahoma City, OK 73126-8859

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

Quote#
 GJY

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
30	CLO4, TDS,	1 250 ml poly /no preservative	-	Per Ed Krish 7-4-06 all samples will be TDS in lieu of EC Monthly effective 11-30-07
-	SHEET OF LABELS WITH WELL-IDS	see comments section	-	PC-117, PC-118, PC-119, PC-120, and PC-121
-			-	PC-116R
-			-	PC-99R2
-			-	PC-99R3
-			-	PC-115R
-			-	ART-1
-			-	ART-2
-			-	ART-3
-			-	ART-4
-			-	ART-5
-			-	ART-6
-			-	ART-7
-			-	ART-8
-			-	Seep Surface Flow
-			-	SF-1"
-			-	Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on
-			-	EXTRA BOTTLES INCLUDED client code changed 7/25/03 Testcode updated 3-16-06 standing order changed 6-14-06



MWH Laboratories, a Division of MWH Americas, Inc.
750 Royal Oaks Avenue Suite 100
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson
Standing

Andrew Eaton..... Your MWL Project Manager
(926) 386-1125..... Direct Phone/Voice Mail

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

SO# 47892 18486 RS

Sampler: Please Return this Paper with your samples

Created by ADE 0 Ship Sample Kits to
Order Date 05/06/09 Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

Billing Address
Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

Send Report to
Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

Date Needed by Client 05/08/09
Date Samples to Arrive at MWL
SHIP LOCATION

ATTN: Susan Crowley
PHONE: 702-651-2234

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

Quote#

ADE

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
70	CR6010	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	Use RCRA test codes for well monitoring
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
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-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

RUSH SHIPPING - CLIENT CAN'T FIND ORIGINAL ORDER COOLER.

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



JS0110901302023

Ship Date: 11MAY09
 ActWgt: 34.0 LB
 CAD: 2274147/INET9011
 Account#: S *****

Delivery Address Bar Code



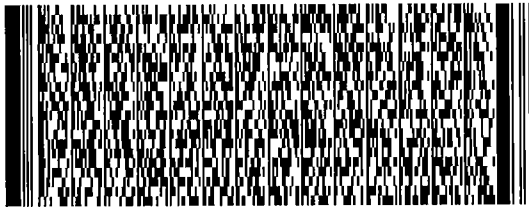
Ref # MSO # 143699
 Invoice #
 PO #
 Dept #

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

MONROVIA, CA 91016

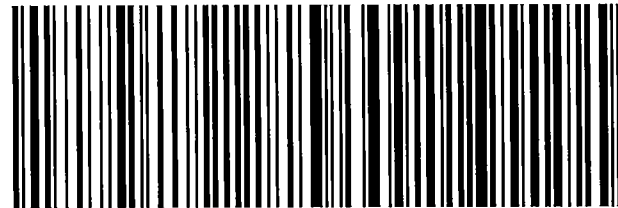
TUE - 12MAY A2
PRIORITY OVERNIGHT

TRK# 7965 9624 2589
 0201



91016
CA-US
BUR

QZ WHPA



After printing this label:

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2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

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: 143699

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

From: TRONOX LLC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

CARRIER Federal Express		Date 5/11/09	FROM NO. STATION: STATE Henderson, NV 89015
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400		Authorization M. Skromyda	
		FULL NAME OF SHIPPER TRONOX LLC CODE NO. WCN IS 1321.10181	
FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect		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.	
N/WAR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM Henderson, NV	
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Ice Chest with water samples Monthly ART and PC Well Samples One Ice Chest @ 34 lbs One Ice Chest @ 21 lbs		2 Coolers
		Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. TRONOX LLC	
		The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement.	
TRUCK SHIPMENTS		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.	
PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
2	TOTAL GROSS WEIGHT 55	TOTAL TARE WEIGHT 0	55
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 Chuck Whitney	AGENT	PER

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



J50418904392023

Ship Date: 11MAY09
 ActWgt: 21.0 LB
 CAD: 2274147/NET9011
 Account#: S *****

Delivery Address Bar Code



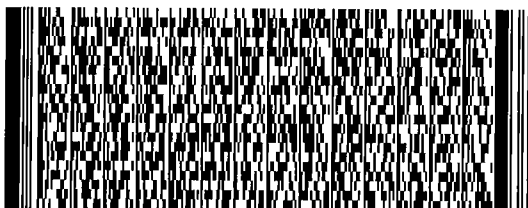
Ref # MSO # 143699
 Invoice #
 PO #
 Dept #

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

MONROVIA, CA 91016

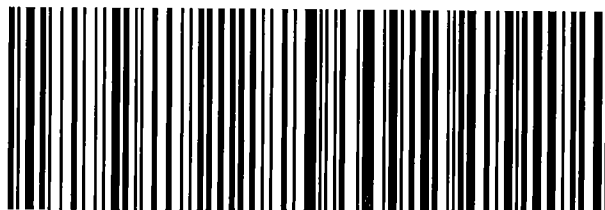
TRK# 7965 9624 5842
 0201

TUE - 12MAY A2
PRIORITY OVERNIGHT



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CA-US
BUR



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SHIPPER'S NUMBER: 143699

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

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Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

CARRIER Federal Express		Date 5/11/09	FROM NO. STATION: STATE Henderson, NV 89015
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400		Authorization M. Skromyda	
FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect		FULL NAME OF SHIPPER TRONOX LLC CODE NO. WCN IS 1321.10181	
N/MAR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM Henderson, NV	
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Ice Chest with water samples Monthly ART and PC Well Samples One Ice Chest @ 34 lbs One Ice Chest @ 21 lbs		2 Coolers
			Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. TRONOX LLC
			The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement.
TRUCK SHIPMENTS		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.	
PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		0	
2	TOTAL GROSS WEIGHT 55	TOTAL TARE WEIGHT 0	55
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 Chuck Whitney	AGENT	PER

MWH Laboratories
 750 Royal Oaks Drive, Monrovia, CA 91016
 PHONE: 626-386-1100/FAX: 626-386-1101

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Tronox LLC - Henderson
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

Customer Code: KERRMCGEE-MP
 PO#: Susan Crowley PO
 Group#: 270628
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **05/12/09**. 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
2905120248	ART-1	CLO4 CR6010	Water P T	11-may-2009 09:45:00 TDS
2905120250	ART-2	CLO4 CR6010	Water P T	11-may-2009 05:30:00 TDS
2905120251	ART-3	CLO4 CR6010	Water P T	11-may-2009 05:30:00 TDS
2905120252	ART-4	CLO4 CR6010	Water P T	11-may-2009 05:30:00 TDS
2905120253	ART-6	CLO4 CR6010	Water P T	11-may-2009 09:30:00 TDS
2905120254	ART-7	CLO4 CR6010	Water P T	11-may-2009 05:30:00 TDS
2905120255	ART-8	CLO4 CR6010	Water P T	11-may-2009 05:30:00 TDS
2905120256	PC-99R2/R3	CLO4 CR6010	Water P T	11-may-2009 06:00:00 TDS
2905120257	PC-115R	CLO4 CR6010	Water P T	11-may-2009 06:00:00 TDS
2905120258	PC-116R	CLO4 CR6010	Water P T	11-may-2009 06:00:00 TDS
2905120259	SF-1	CLO4 CR6010	Water P T	11-may-2009 06:00:00 TDS
2905120260	PC-117	CLO4 CR6010	Water P T	11-may-2009 06:00:00 TDS
2905120261	PC-118	CLO4 CR6010	Water P T	11-may-2009 06:00:00 TDS
2905120262	PC-119	CLO4 CR6010	Water P T	11-may-2009 06:00:00 TDS
2905120263	PC-120	CLO4 CR6010	Water P T	11-may-2009 06:00:00 TDS
2905120264	PC-121	CLO4 CR6010	Water P T	11-may-2009 06:00:00 TDS
2905120265	PC-133	CLO4 CR6010	Water P T	11-may-2009 06:00:00 TDS

Tronox LLC - Henderson
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

Customer Code: KERRMCGEE-MP
 PO#: Susan Crowley PO
 Group#: 270628
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2905120266	ART-9	CLO4 CR6010	Water P	11-may-2009 05:30:00 TDS

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
P	Metals sample pH
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)

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)

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: _____



Group Comments

TDS. 2905120253 was initially analyzed within holding time, but the analyst recorded the incorrect volume. One ml was used but 10ml was recorded. Original result of 700 mg/L was a factor of 10 too low. Sample was reanalysed on 6/25/09 with a result of 7750 mg/L. Result meets the expected TDS/EC ratio and is reported.

(QC Ref#: 2905120253)

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

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

(QC Ref#: 2905120262)

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

original result was 3812mg/L on 5/16/08

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

(QC Ref#: 2905120264)

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

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Laboratory
Hits Report
#270628

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

Samples Received
12-may-2009 10:30:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2905120248	ART-1				
06/08/09		Metals digestion performed.	Y		Yes/No	
06/04/09		Perchlorate	224		ug/l	20
05/15/09		Total Dissolved Solid (TDS)	10300	500	mg/l	10
	2905120250	ART-2				
06/08/09		Chromium, Total, ICAP	0.031		mg/l	0.020
05/28/09		Perchlorate	71600		ug/l	4000
05/15/09		Total Dissolved Solid (TDS)	12100	500	mg/l	10
	2905120251	ART-3				
06/08/09		Chromium, Total, ICAP	0.31		mg/l	0.020
05/28/09		Perchlorate	326000		ug/l	20000
05/15/09		Total Dissolved Solid (TDS)	10400	500	mg/l	10
	2905120252	ART-4				
06/08/09		Chromium, Total, ICAP	0.36		mg/l	0.050
05/28/09		Perchlorate	375000		ug/l	20000
05/15/09		Total Dissolved Solid (TDS)	6390	500	mg/l	10
	2905120253	ART-6				
06/08/09		Chromium, Total, ICAP	0.78		mg/l	0.020
06/08/09		Metals digestion performed.	Y		Yes/No	
05/28/09		Perchlorate	163000		ug/l	20000
06/25/09		Total Dissolved Solid (TDS)	7750	500	mg/l	10
	2905120254	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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 #270628

Tronox LLC - Henderson
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Samples Received
 12-may-2009 10:30:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2905120254	ART-7				
05/25/09	Chromium, Total, ICAP		0.66		mg/l	0.10
05/28/09	Perchlorate		138000		ug/l	8000
05/16/09	Total Dissolved Solid (TDS)		11800	500	mg/l	10
	2905120255	ART-8				
06/09/09	Chromium, Total, ICAP		0.16		mg/l	0.050
05/28/09	Perchlorate		238000		ug/l	20000
05/16/09	Total Dissolved Solid (TDS)		10500	500	mg/l	10
	2905120256	PC-99R2/R3				
06/03/09	Perchlorate		7180		ug/l	800
05/16/09	Total Dissolved Solid (TDS)		4120	500	mg/l	10
	2905120257	PC-115R				
06/08/09	Metals digestion performed.		Y		Yes/No	
06/03/09	Perchlorate		7810		ug/l	800
05/16/09	Total Dissolved Solid (TDS)		4330	500	mg/l	10
	2905120258	PC-116R				
06/03/09	Perchlorate		4940		ug/l	400
05/16/09	Total Dissolved Solid (TDS)		4360	500	mg/l	10
	2905120259	SF-1				
06/09/09	Chromium, Total, ICAP		0.013		mg/l	0.010

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Samples Received
 12-may-2009 10:30:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2905120259	SF-1				
06/05/09	Perchlorate		7.4		ug/l	4.0
05/16/09	Total Dissolved Solid (TDS)		8250	500	mg/l	10
	2905120260	PC-117				
06/03/09	Perchlorate		1930		ug/l	200
05/16/09	Total Dissolved Solid (TDS)		3180	500	mg/l	10
	2905120261	PC-118				
06/08/09	Metals digestion performed.		Y		Yes/No	
06/03/09	Perchlorate		5550		ug/l	400
05/16/09	Total Dissolved Solid (TDS)		3910	500	mg/l	10
	2905120262	PC-119				
06/03/09	Perchlorate		2050		ug/l	200
05/22/09	Total Dissolved Solid (TDS)		3410	500	mg/l	10
	2905120263	PC-120				
06/03/09	Perchlorate		1070		ug/l	200
05/16/09	Total Dissolved Solid (TDS)		2780	500	mg/l	10
	2905120264	PC-121				
06/03/09	Perchlorate		1450		ug/l	80
05/16/09	Total Dissolved Solid (TDS)		3110	500	mg/l	10
	2905120265	PC-133				

SUMMARY OF POSITIVE DATA ONLY.



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Henderson , NV 89009

Samples Received
12-may-2009 10:30:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2905120265	PC-133				
06/03/09	Perchlorate		974		ug/l	200
05/16/09	Total Dissolved Solid (TDS)		2640	500	mg/l	10
	2905120266	ART-9				
06/07/09	Chromium, Total, ICAP		1.7		mg/l	0.020
06/03/09	Perchlorate		341000		ug/l	20000
05/16/09	Total Dissolved Solid (TDS)		7960	500	mg/l	10



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Data Report
#270628

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

Samples Received
05/12/09

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2905120248) Sampled on 05/11/09 09:45								
	06/04/09 00:00	487085	(EPA 314)	Perchlorate	224	ug/l	20	5
06/05/09	06/09/09 00:00	487350	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	06/08/09 13:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/15/09	05/15/09 23:35	484917	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	10300	mg/l	10	1
ART-2 (2905120250) Sampled on 05/11/09 05:30								
	05/28/09 17:36	486371	(EPA 314)	Perchlorate	71600	ug/l	4000	1000
06/01/09	06/08/09 00:00	487106	(ML/EPA 6010B)	Chromium, Total, ICAP	0.031	mg/l	0.020	2
05/15/09	05/15/09 23:35	484917	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	12100	mg/l	10	1
ART-3 (2905120251) Sampled on 05/11/09 05:30								
	05/28/09 17:36	486371	(EPA 314)	Perchlorate	326000	ug/l	20000	5000
06/01/09	06/08/09 00:00	487106	(ML/EPA 6010B)	Chromium, Total, ICAP	0.31	mg/l	0.020	2
05/15/09	05/15/09 23:35	484917	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	10400	mg/l	10	1
ART-4 (2905120252) Sampled on 05/11/09 05:30								
	05/28/09 17:36	486371	(EPA 314)	Perchlorate	375000	ug/l	20000	5000
06/03/09	06/08/09 00:00	487112	(ML/EPA 6010B)	Chromium, Total, ICAP	0.36	mg/l	0.050	5
05/15/09	05/15/09 23:35	484917	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6390	mg/l	10	1
ART-6 (2905120253) Sampled on 05/11/09 09:30								
	05/28/09 17:36	486371	(EPA 314)	Perchlorate	163000	ug/l	20000	5000
06/03/09	06/08/09 00:00	487112	(ML/EPA 6010B)	Chromium, Total, ICAP	0.78	mg/l	0.020	2
	06/08/09 13:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
06/25/09	06/25/09 16:35	489302	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7750 (HA)	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-7 (2905120254)				Sampled on 05/11/09 05:30				
	05/28/09 17:36	486371	(EPA 314)	Perchlorate	138000	ug/l	8000	2000
05/25/09	05/25/09 00:00	486391	(ML/EPA 6010B)	Chromium, Total, ICAP	0.66	mg/l	0.10	10
05/16/09	05/16/09 20:35	484914	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	11800	mg/l	10	1
ART-8 (2905120255)				Sampled on 05/11/09 05:30				
	05/28/09 17:36	486371	(EPA 314)	Perchlorate	238000	ug/l	20000	5000
06/05/09	06/09/09 00:00	487350	(ML/EPA 6010B)	Chromium, Total, ICAP	0.16	mg/l	0.050	5
05/16/09	05/16/09 20:35	484914	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	10500	mg/l	10	1
PC-99R2/R3 (2905120256)				Sampled on 05/11/09 06:00				
	06/03/09 17:34	487093	(EPA 314)	Perchlorate	7180	ug/l	800	200
06/01/09	06/07/09 00:00	487102	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/16/09	05/16/09 20:35	484914	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4120	mg/l	10	1
PC-115R (2905120257)				Sampled on 05/11/09 06:00				
	06/03/09 17:34	487093	(EPA 314)	Perchlorate	7810	ug/l	800	200
06/01/09	06/08/09 00:00	487106	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	06/08/09 13:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/16/09	05/16/09 20:35	484914	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4330	mg/l	10	1
PC-116R (2905120258)				Sampled on 05/11/09 06:00				
	06/03/09 17:34	487093	(EPA 314)	Perchlorate	4940	ug/l	400	100
06/03/09	06/08/09 00:00	487112	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
05/16/09	05/16/09 20:35	484914	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4360	mg/l	10	1
SF-1 (2905120259)				Sampled on 05/11/09 06:00				
	06/05/09 00:00	487099	(EPA 314)	Perchlorate	7.4	ug/l	4.0	2
06/05/09	06/09/09 00:00	487350	(ML/EPA 6010B)	Chromium, Total, ICAP	0.013	mg/l	0.010	1
05/16/09	05/16/09 20:35	484914	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8250	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
PC-117 (2905120260) Sampled on 05/11/09 06:00								
	06/03/09 17:34	487093	(EPA 314)	Perchlorate	1930	ug/l	200	50
06/03/09	06/08/09 00:00	487112	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
05/16/09	05/16/09 20:35	484914	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3180	mg/l	10	1
PC-118 (2905120261) Sampled on 05/11/09 06:00								
	06/03/09 17:34	487093	(EPA 314)	Perchlorate	5550	ug/l	400	100
06/01/09	06/08/09 00:00	487106	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	06/08/09 13:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/16/09	05/16/09 20:35	484914	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3910	mg/l	10	1
PC-119 (2905120262) Sampled on 05/11/09 06:00								
	06/03/09 17:34	487093	(EPA 314)	Perchlorate	2050	ug/l	200	50
05/25/09	05/25/09 00:00	486391	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/22/09	05/22/09 12:50	485923	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3410 (HA)	mg/l	10	1
PC-120 (2905120263) Sampled on 05/11/09 06:00								
	06/03/09 17:34	487093	(EPA 314)	Perchlorate	1070	ug/l	200	50
05/25/09	05/25/09 00:00	486391	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/16/09	05/16/09 20:35	484914	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2780	mg/l	10	1
PC-121 (2905120264) Sampled on 05/11/09 06:00								
	06/03/09 17:34	487093	(EPA 314)	Perchlorate	1450	ug/l	80	20
06/05/09	06/23/09 04:07	488627	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
05/16/09	05/16/09 20:35	484914	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3110	mg/l	10	1
PC-133 (2905120265) Sampled on 05/11/09 06:00								
	06/03/09 17:34	487093	(EPA 314)	Perchlorate	974	ug/l	200	50
06/03/09	06/08/09 00:00	487112	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
05/16/09	05/16/09 20:35	484914	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2640	mg/l	10	1



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Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-9 (2905120266)				Sampled on 05/11/09 05:30				
	06/03/09 17:34	487093	(EPA 314)	Perchlorate	341000	ug/l	20000	5000
06/01/09	06/07/09 00:00	487102	(ML/EPA 6010B)	Chromium, Total, ICAP	1.7	mg/l	0.020	2
05/16/09	05/16/09 20:35	484914	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7960	mg/l	10	1



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QC Summary
#270628

Tronox LLC - Henderson

QC Ref #484914 - Total Dissolved Solid (TDS) Analysis Date: 05/16/2009

2905120254	ART-7	Analyzed by: axd
2905120255	ART-8	Analyzed by: axd
2905120256	PC-99R2/R3	Analyzed by: axd
2905120257	PC-115R	Analyzed by: axd
2905120258	PC-116R	Analyzed by: axd
2905120259	SF-1	Analyzed by: axd
2905120260	PC-117	Analyzed by: axd
2905120261	PC-118	Analyzed by: axd
2905120263	PC-120	Analyzed by: axd
2905120264	PC-121	Analyzed by: axd
2905120265	PC-133	Analyzed by: axd
2905120266	ART-9	Analyzed by: axd

QC Ref #484917 - Total Dissolved Solid (TDS) Analysis Date: 05/15/2009

2905120248	ART-1	Analyzed by: axd
2905120250	ART-2	Analyzed by: axd
2905120251	ART-3	Analyzed by: axd
2905120252	ART-4	Analyzed by: axd

QC Ref #485923 - Total Dissolved Solid (TDS) Analysis Date: 05/22/2009

2905120262	PC-119	Analyzed by: lmr
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QC Ref #486371 - Perchlorate Analysis Date: 05/28/2009

2905120250	ART-2	Analyzed by: ser
2905120251	ART-3	Analyzed by: ser
2905120252	ART-4	Analyzed by: ser
2905120253	ART-6	Analyzed by: ser
2905120254	ART-7	Analyzed by: ser
2905120255	ART-8	Analyzed by: ser

QC Ref #486391 - Chromium, Total, ICAP Analysis Date: 05/25/2009

2905120254	ART-7	Analyzed by: csk
2905120262	PC-119	Analyzed by: csk
2905120263	PC-120	Analyzed by: csk



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QC Summary
#270628

Tronox LLC - Henderson
(continued)

QC Ref #487085 - Perchlorate

Analysis Date: 06/04/2009

2905120248

ART-1

Analyzed by: ser

QC Ref #487093 - Perchlorate

Analysis Date: 06/03/2009

2905120256

PC-99R2/R3

Analyzed by: ser

2905120257

PC-115R

Analyzed by: ser

2905120258

PC-116R

Analyzed by: ser

2905120260

PC-117

Analyzed by: ser

2905120261

PC-118

Analyzed by: ser

2905120262

PC-119

Analyzed by: ser

2905120263

PC-120

Analyzed by: ser

2905120264

PC-121

Analyzed by: ser

2905120265

PC-133

Analyzed by: ser

2905120266

ART-9

Analyzed by: ser

QC Ref #487099 - Perchlorate

Analysis Date: 06/05/2009

2905120259

SF-1

Analyzed by: ser

QC Ref #487102 - Chromium, Total, ICAP

Analysis Date: 06/07/2009

2905120256

PC-99R2/R3

Analyzed by: csk

2905120266

ART-9

Analyzed by: csk

QC Ref #487106 - Chromium, Total, ICAP

Analysis Date: 06/08/2009

2905120250

ART-2

Analyzed by: csk

2905120251

ART-3

Analyzed by: csk

2905120257

PC-115R

Analyzed by: csk

2905120261

PC-118

Analyzed by: csk



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QC Summary
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Tronox LLC - Henderson
(continued)

QC Ref #487112 - Chromium, Total, ICAP

Analysis Date: 06/08/2009

2905120252	ART-4	Analyzed by: csk
2905120253	ART-6	Analyzed by: csk
2905120258	PC-116R	Analyzed by: csk
2905120260	PC-117	Analyzed by: csk
2905120265	PC-133	Analyzed by: csk

QC Ref #487350 - Chromium, Total, ICAP

Analysis Date: 06/09/2009

2905120248	ART-1	Analyzed by: csk
2905120255	ART-8	Analyzed by: csk
2905120259	SF-1	Analyzed by: csk

QC Ref #488627 - Chromium, Total, ICAP

Analysis Date: 06/23/2009

2905120264	PC-121	Analyzed by: csk
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QC Ref #489302 - Total Dissolved Solid (TDS)

Analysis Date: 06/25/2009

2905120253	ART-6	Analyzed by: jrf
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Tronox LLC - Henderson

QC Ref #484914 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05120253	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	720	700	MGL		(0-10)	2.8
LCS1	Total Dissolved Solid (TDS)	175	170	MGL	97.1	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	618	MGL	88.3	(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)	97.143	88.286	MGL	9.6	(0-20)	

QC Ref #484917 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05120045	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	3128	3096	MGL		(0-10)	1.0
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	660	MGL	94.3	(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)	98.286	94.286	MGL	4.2	(0-20)	

QC Ref #485923 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05060030	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	7390	7130	MGL		(0-10)	3.6
LCS1	Total Dissolved Solid (TDS)	175	158	MGL	90.3	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	672	MGL	96.0	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	12	MGL	120.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	90.286	96.000	MGL	6.1	(0-20)	

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Laboratory
QC Report
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Tronox LLC - Henderson
(continued)

QC Ref #486371

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	05150094	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS3	Perchlorate	4	3.72	UGL	93.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.6	UGL	94.4	(80-120)	
MSD	Perchlorate	25.0	23.9	UGL	95.6	(80-120)	
RPD_LCS	Perchlorate	99.200	98.800	UGL	0.4	(0-15)	
RPD_MS	Perchlorate	94.400	95.600	UGL	1.0	(0-15)	

QC Ref #486391

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05060040	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.848	MGL	84.8	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	

QC Ref #487085

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	05200013	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	26.2	UGL	104.8	(85-115)	

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Tronox LLC - Henderson (continued)

LCS3	Perchlorate	4	4.93	UGL	123.2	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	26.8	UGL	107.2	(80-120)
MSD	Perchlorate	25.0	28.9	UGL	115.6	(80-120)
RPD_LCS	Perchlorate	100.800	104.800	UGL	3.9	(0-15)
RPD_MS	Perchlorate	107.200	115.600	UGL	1.1	(0-15)

QC Ref #487093

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	05200011	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.0	UGL	96.0	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS3	Perchlorate	4	3.60	UGL	90.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.9	UGL	99.6	(80-120)	
MSD	Perchlorate	25.0	25.0	UGL	100.0	(80-120)	
RPD_LCS	Perchlorate	96.000	95.600	UGL	0.4	(0-15)	
RPD_MS	Perchlorate	99.600	100.000	UGL	1.0	(0-15)	

QC Ref #487099

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	05120283	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.0	UGL	100.0	(85-115)	
LCS2	Perchlorate	25.0	25.1	UGL	100.4	(85-115)	
LCS3	Perchlorate	4	3.46	UGL	86.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.6	UGL	98.4	(80-120)	
MSD	Perchlorate	25.0	25.2	UGL	100.8	(80-120)	
RPD_LCS	Perchlorate	100.000	100.400	UGL	0.4	(0-15)	
RPD_MS	Perchlorate	98.400	100.800	UGL	1.0	(0-15)	

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Tronox LLC - Henderson
(continued)

QC Ref #487102 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05060129	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.911	MGL	91.1	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.978	MGL	97.8	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.921	MGL	92.1	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.937	MGL	93.7	(70-130)	

QC Ref #487106 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05110095	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.08	MGL	108.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	1.07	MGL	107.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.06	MGL	106.0	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.991	MGL	99.1	(70-130)	

QC Ref #487112 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab #29	05120265	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(85-115)	

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Tronox LLC - Henderson
(continued)

Sample ID	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0106	MGL	106.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.831	MGL	83.1	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.997	MGL	99.7	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.941	MGL	94.1	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.958	MGL	95.8	(70-130)	

QC Ref #487350 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05120264	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.928	MGL	92.8	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.07	MGL	107.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0096	MGL	96.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.000	MGL	<u>0.0</u>	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.928	MGL	92.8	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.000	MGL	<u>0.0</u>	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.908	MGL	90.8	(70-130)	

QC Ref #488627 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05120264	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.928	MGL	92.8	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.07	MGL	107.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0096	MGL	96.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.950	MGL	95.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.986	MGL	98.6	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.930	MGL	93.0	(70-130)	

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Tronox LLC - Henderson
(continued)

QC Ref #489302

Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	06240028	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	374	380	MGL		(0-10)	1.6
LCS1	Total Dissolved Solid (TDS)	175	186	MGL	106.3	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	704	MGL	100.6	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	12	MGL	120.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	106.286	100.571	MGL	5.5	(0-20)	

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