



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
Mar 04 2009
MWH LABORATORIES

A handwritten signature in black ink, appearing to read "A. Eaton".

ADE Andy Eaton
Project Manager



01114CA
Report#: 264598
Project: CL04
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 16 page[s].



BUILDING A BETTER WORLD

March 5, 2009

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

Subject: Case Narrative report 264598

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on February 3, 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:

The MRL_check level recovery for TDS was recovered high, but all results were more than 10X the blank so there is minimal impact.

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,

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

Andrew Eaton, PhD
Project Manager

264598



MONTGOMERY WATSON LABORATORIES CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
 (626) 396-1100 (800) 566-5227

MW LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: OS/

SAMPLE TEMP, RECEIPT AT LAB: 3

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		
KERR/MCCLES-MP Sampler		Collection Wells Fields - Weekly - SO #12373		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		
Susan Crowley (702) 651-2200		Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009				
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	COMP	SAMPLER COMMENTS
5:30	2/2/09		ART-1	RSW	X	
5:30	2/2/09		ART-2	RSW	X	
5:30	2/2/09		ART-3	RSW	X	
5:30	2/2/09		ART-4	RSW	X	
5:30	2/2/09		ART-5	RSW	X	
5:30	2/2/09		ART-6	RSW	X	
5:30	2/2/09		ART-7	RSW	X	
5:30	2/2/09		ART-8	RSW	X	
0600	2/2/09		PC-99R2/R3	RSW	X	
0600	2/2/09		PC-115R	RSW	X	
0600	2/2/09		PC-116R	RSW	X	
0600	2/2/09		Seep Surface Flow	RSW	X	

Reported by Volume:

CFW = Chloraminated Finished Water
 FW = Other Finished Water

RCW = 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

[Signature]

PRINT NAME

Russell Speckin

[Signature]

COMPANY/TITLE
 Veolia Water for Tronox LLC - Henderson Plant
 MWT

DATE

2/2/2009

TIME

12:00pm

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:



MW/LABS USE ONLY:

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

LOGIN COMMENTS:

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

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

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)

KERRMCGEE-MP

Collection Wells Fields - Monthly - SO #12373

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

Sampler Signature: *[Signature]*

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Total Cl ₂	TDS	CR	SAMPLER COMMENTS
6:00	2/2/09		SF-1	RSW	X		X	X		
6:00	2/2/09		PC-117	RSW	X		X	X		
6:00	2/2/09		PC-118	RSW	X		X	X		
6:00	2/2/09		PC-119	RSW	X		X	X		
6:00	2/2/09		PC-120	RSW	X		X	X		
6:00	2/2/09		PC-121	RSW	X		X	X		
6:00	2/2/09		PC-133	RSW	X		X	X		
5:30	2/2/09		ART-9	RSW	X		X	X		

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(amin)ated Finished Water

FW = Other Finished Water

RGW = Raw Ground Water

RSW = Raw Surface Water

CWW = Chlorinated Waste Water

WW = Other Waste Water

SW = Storm Water

Reported by Weight:

SO = Soil

SL = Sludge

SIGNATURE

PRINT NAME

RELINQUISHED BY:

Russell Speckin

COMPANY/TITLE

TIME

RECEIVED BY:

[Signature]

Veolia Water for Tronox LLC - Henderson Plant

DATE

1200pm

RELINQUISHED BY:

[Signature]

MWLP

2/2/2009

0:00

RECEIVED BY:



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

Bottle Order for Tronox, LLC - Henderson
Standing

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

Client Code KERRMCGEE-MP M Monthly Period
 Project Code CLO4
 PO# / Job# GWREMEDICATION
 Blanket PO

SO# 46518

RS

12373

Sampler: Please Return this Paper with your samples

0

Created by GJY

Order Date

01/14/09

Date Needed by Client

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

Send Report to

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

Billing Address

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

Date Samples to Arrive at MWL

ATTN: Susan Crowley
 PHONE: 702-651-2234

ATTN: Susan Crowley
 PHONE: 702-651-2234

Quote#

GJY

SHIP LOCATION

of Samples

Tests

UN#

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 WELLS	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

ActiveCode

Status

Date Shipped

Carrier

Qty of Coolers

Tracking Number

Prepared By



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

Bottle Order for Kerr,McGee Chemical Company - Henderson

Client Code KERRMCGEE-MP
 Project Code CLO4
 PO# / Job#
 Blanket PO
 Client Name Kerr,McGee Chemical Company - Henderson
 Period Q Quarterly

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

SO# 46522 18486 RS

Sampler: Please Return this Paper with your samples

Created by GJY
 Order Date 01/14/09
 Date Needed by Client

Send Report to

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

Billing Address

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

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

Quote#

GJY

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

UN#

of Samples Tests

# 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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-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 143547

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 2/02/09	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/AR	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/Quarterly ART and PC Well Samples Includes CR sample from each site One Ice Chest @ 52 lbs		1 Cooler
		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	
1	TOTAL GROSS WEIGHT 52	TOTAL TARE WEIGHT 0	52
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 Carron Williams	AGENT	PER

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



Ship Date: 02FEB09
ActWgt: 52.0 LB
CAD: 2274147/NET9011
Account#: S *****

Delivery Address Bar Code



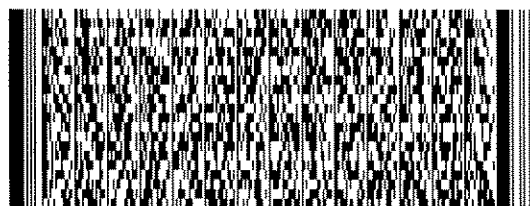
Ref # MSO #143547
Invoice #
PO #
Dept #

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

MONROVIA, CA 91016

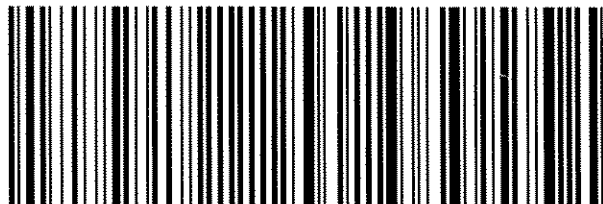
TUE - 03FEB A2
PRIORITY OVERNIGHT

TRK# 7973 0298 6698
0201



QZ WHPA

91016
CA-US
BUR



After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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

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

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
 PO#: Susan Crowley PO
 Group#: 264598
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **02/03/09**. 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
2902030440	ART-1	CLO4 CR	Water P T	02-feb-2009 05:30:00 TDS
2902030442	ART-2	CLO4 CR	Water P T	02-feb-2009 05:30:00 TDS
2902030443	ART-3	CLO4 CR	Water P T	02-feb-2009 05:30:00 TDS
2902030444	ART-4	CLO4 CR	Water P T	02-feb-2009 05:30:00 TDS
2902030445	ART-6	CLO4 CR	Water P T	02-feb-2009 05:30:00 TDS
2902030446	ART-7	CLO4 CR	Water P T	02-feb-2009 05:30:00 TDS
2902030447	ART-8	CLO4 CR	Water P T	02-feb-2009 05:30:00 TDS
2902030448	PC-99R2/R3	CLO4 CR	Water P T	02-feb-2009 06:00:00 TDS
2902030449	PC-115R	CLO4 CR	Water P T	02-feb-2009 06:00:00 TDS
2902030450	PC-116R	CLO4 CR	Water P T	02-feb-2009 06:00:00 TDS
2902030451	SF-1	CLO4 CR	Water P T	02-feb-2009 06:00:00 TDS
2902030452	PC-117	CLO4 CR	Water P T	02-feb-2009 06:00:00 TDS
2902030453	PC-118	CLO4 CR	Water P T	02-feb-2009 06:00:00 TDS
2902030454	PC-119	CLO4 CR	Water P T	02-feb-2009 06:00:00 TDS
2902030455	PC-120	CLO4 CR	Water P T	02-feb-2009 06:00:00 TDS
2902030456	PC-121	CLO4 CR	Water P T	02-feb-2009 06:00:00 TDS
2902030457	PC-133	CLO4 CR	Water P T	02-feb-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#: 264598
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2902030458	ART-9	CLO4 CR	Water P	02-feb-2009 05:30:00 TDS

Test Acronym Description

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



A Division of MWH Americas, Inc.

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

Report
Comments
#264598

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#: 2902030440)

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

LE - MRL Check recovery was above laboratory acceptance limits.

(QC Ref#: 2902030442)

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

LE - MRL Check recovery was above laboratory acceptance limits.

(QC Ref#: 2902030443)

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

LE - MRL Check recovery was above laboratory acceptance limits.

(QC Ref#: 2902030444)

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

LE - MRL Check recovery was above laboratory acceptance limits.

(QC Ref#: 2902030445)

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

LE - MRL Check recovery was above laboratory acceptance limits.

(QC Ref#: 2902030446)

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

LE - MRL Check recovery was above laboratory acceptance limits.

(QC Ref#: 2902030447)



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Tel: 626 386 1100
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1 800 566 LABS (1 800 566 5227)

Report
Comments
#264598

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)
LE - MRL Check recovery was above laboratory acceptance
limits.

(QC Ref#: 2902030448)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)
LE - MRL Check recovery was above laboratory acceptance
limits.

(QC Ref#: 2902030449)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)
LE - MRL Check recovery was above laboratory acceptance
limits.

(QC Ref#: 2902030450)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)
LE - MRL Check recovery was above laboratory acceptance
limits.

(QC Ref#: 2902030451)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)
LE - MRL Check recovery was above laboratory acceptance
limits.

(QC Ref#: 2902030452)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)
LE - MRL Check recovery was above laboratory acceptance
limits.

(QC Ref#: 2902030453)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)
LE - MRL Check recovery was above laboratory acceptance
limits.

(QC Ref#: 2902030454)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)
LE - MRL Check recovery was above laboratory acceptance
limits.

(QC Ref#: 2902030455)



MWH Laboratories

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Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Report
Comments
#264598

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)
LE - MRL Check recovery was above laboratory acceptance
limits.

(QC Ref#: 2902030456)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)
LE - MRL Check recovery was above laboratory acceptance
limits.

(QC Ref#: 2902030457)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)
LE - MRL Check recovery was above laboratory acceptance
limits.

(QC Ref#: 2902030458)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)
LE - MRL Check recovery was above laboratory acceptance
limits.



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
 #264598

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

Samples Received
 03-feb-2009 17:01:43

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2902030440	ART-1				
02/18/09	Chromium, Total, ICAP		0.12		mg/l	0.020
02/11/09	Metals digestion performed.		Y		Yes/No	
02/05/09	Perchlorate		198		ug/l	20
02/05/09	Total Dissolved Solid (TDS)		6580	500	mg/l	10
	2902030442	ART-2				
02/18/09	Chromium, Total, ICAP		0.028		mg/l	0.020
02/11/09	Metals digestion performed.		Y		Yes/No	
02/05/09	Perchlorate		69300		ug/l	4000
02/05/09	Total Dissolved Solid (TDS)		9860	500	mg/l	10
	2902030443	ART-3				
02/18/09	Chromium, Total, ICAP		0.29		mg/l	0.020
02/11/09	Metals digestion performed.		Y		Yes/No	
02/21/09	Perchlorate		309000		ug/l	20000
02/05/09	Total Dissolved Solid (TDS)		12100	500	mg/l	10
	2902030444	ART-4				
02/18/09	Chromium, Total, ICAP		0.35		mg/l	0.020
02/11/09	Metals digestion performed.		Y		Yes/No	
02/05/09	Perchlorate		348000		ug/l	20000
02/05/09	Total Dissolved Solid (TDS)		7360	500	mg/l	10
	2902030445	ART-6				
02/18/09	Chromium, Total, ICAP		1.7		mg/l	0.020
02/11/09	Metals digestion performed.		Y		Yes/No	



MWH Laboratories

A Division of MWH Americas, Inc.

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Laboratory
Hits Report
#264598

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

Samples Received
03-feb-2009 17:01:43

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2902030445	ART-6				
02/05/09	Perchlorate		355000		ug/l	20000
02/05/09	Total Dissolved Solid (TDS)		9990	500	mg/l	10
	2902030446	ART-7				
02/18/09	Chromium, Total, ICAP		0.73		mg/l	0.020
02/11/09	Metals digestion performed.		Y		Yes/No	
02/05/09	Perchlorate		142000		ug/l	8000
02/05/09	Total Dissolved Solid (TDS)		9660	500	mg/l	10
	2902030447	ART-8				
02/18/09	Chromium, Total, ICAP		0.18		mg/l	0.020
02/11/09	Metals digestion performed.		Y		Yes/No	
02/05/09	Perchlorate		249000		ug/l	20000
02/05/09	Total Dissolved Solid (TDS)		10100	500	mg/l	10
	2902030448	PC-99R2/R3				
02/11/09	Metals digestion performed.		Y		Yes/No	
02/21/09	Perchlorate		5140		ug/l	800
02/05/09	Total Dissolved Solid (TDS)		3370	500	mg/l	10
	2902030449	PC-115R				
02/11/09	Metals digestion performed.		Y		Yes/No	
02/21/09	Perchlorate		5180		ug/l	800
02/05/09	Total Dissolved Solid (TDS)		3590	500	mg/l	10
	2902030450	PC-116R				

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Laboratory
Hits Report
#264598

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

Samples Received
03-feb-2009 17:01:43

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2902030450	PC-116R				
02/11/09		Metals digestion performed.	Y		Yes/No	
02/21/09		Perchlorate	4840		ug/l	400
02/05/09		Total Dissolved Solid (TDS)	3540	500	mg/l	10
	2902030451	SF-1				
02/11/09		Metals digestion performed.	Y		Yes/No	
02/05/09		Total Dissolved Solid (TDS)	6190	500	mg/l	10
	2902030452	PC-117				
02/11/09		Metals digestion performed.	Y		Yes/No	
02/21/09		Perchlorate	2540		ug/l	200
02/05/09		Total Dissolved Solid (TDS)	3110	500	mg/l	10
	2902030453	PC-118				
02/11/09		Metals digestion performed.	Y		Yes/No	
02/21/09		Perchlorate	6920		ug/l	400
02/05/09		Total Dissolved Solid (TDS)	3990	500	mg/l	10
	2902030454	PC-119				
02/11/09		Metals digestion performed.	Y		Yes/No	
02/21/09		Perchlorate	4270		ug/l	200
02/05/09		Total Dissolved Solid (TDS)	3620	500	mg/l	10
	2902030455	PC-120				



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 #264598

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

Samples Received
 03-feb-2009 17:01:43

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2902030455	PC-120				
02/11/09		Metals digestion performed.	Y		Yes/No	
02/21/09		Perchlorate	1330		ug/l	200
02/05/09		Total Dissolved Solid (TDS)	2530	500	mg/l	10
	2902030456	PC-121				
02/11/09		Metals digestion performed.	Y		Yes/No	
02/21/09		Perchlorate	1720		ug/l	80
02/05/09		Total Dissolved Solid (TDS)	2610	500	mg/l	10
	2902030457	PC-133				
02/11/09		Metals digestion performed.	Y		Yes/No	
02/21/09		Perchlorate	1040		ug/l	400
02/05/09		Total Dissolved Solid (TDS)	2610	500	mg/l	10
	2902030458	ART-9				
02/18/09		Chromium, Total, ICAP	1.7		mg/l	0.020
02/11/09		Metals digestion performed.	Y		Yes/No	
02/21/09		Perchlorate	343000		ug/l	20000
02/05/09		Total Dissolved Solid (TDS)	8990	500	mg/l	10

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Data Report
#264598

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

Samples Received
02/03/09

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2902030440) Sampled on 02/02/09 05:30								
	02/05/09 11:05	471347	(EPA 314)	Perchlorate	198	ug/l	20	5
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	0.12	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6580 (LE)	mg/l	10	1
ART-2 (2902030442) Sampled on 02/02/09 05:30								
	02/05/09 11:05	471347	(EPA 314)	Perchlorate	69300	ug/l	4000	1000
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	0.028	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9860 (LE)	mg/l	10	1
ART-3 (2902030443) Sampled on 02/02/09 05:30								
	02/21/09 00:00	473586	(EPA 314)	Perchlorate	309000	ug/l	20000	5000
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	0.29	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	12100 (LE)	mg/l	10	1
ART-4 (2902030444) Sampled on 02/02/09 05:30								
	02/05/09 11:05	471347	(EPA 314)	Perchlorate	348000	ug/l	20000	5000
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	0.35	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7360 (LE)	mg/l	10	1
ART-6 (2902030445) Sampled on 02/02/09 05:30								
	02/05/09 11:05	471347	(EPA 314)	Perchlorate	355000	ug/l	20000	5000
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	1.7	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9990 (LE)	mg/l	10	1



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Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-7 (2902030446)				Sampled on 02/02/09 05:30				
	02/05/09 11:05	471347	(EPA 314)	Perchlorate	142000	ug/l	8000	2000
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	0.73	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9660 (LE)	mg/l	10	1
ART-8 (2902030447)				Sampled on 02/02/09 05:30				
	02/05/09 11:05	471347	(EPA 314)	Perchlorate	249000	ug/l	20000	5000
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	0.18	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	10100 (LE)	mg/l	10	1
PC-99R2/R3 (2902030448)				Sampled on 02/02/09 06:00				
	02/21/09 00:00	473586	(EPA 314)	Perchlorate	5140	ug/l	800	200
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3370 (LE)	mg/l	10	1
PC-115R (2902030449)				Sampled on 02/02/09 06:00				
	02/21/09 00:00	473586	(EPA 314)	Perchlorate	5180	ug/l	800	200
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3590 (LE)	mg/l	10	1
PC-116R (2902030450)				Sampled on 02/02/09 06:00				
	02/21/09 00:00	473586	(EPA 314)	Perchlorate	4840	ug/l	400	100
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3540 (LE)	mg/l	10	1



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#264598

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
SF-1 (2902030451) Sampled on 02/02/09 06:00								
	02/21/09 18:31	473883	(EPA 314)	Perchlorate	ND	ug/l	20	5
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6190 (LE)	mg/l	10	1
PC-117 (2902030452) Sampled on 02/02/09 06:00								
	02/21/09 00:00	473586	(EPA 314)	Perchlorate	2540	ug/l	200	50
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3110 (LE)	mg/l	10	1
PC-118 (2902030453) Sampled on 02/02/09 06:00								
	02/21/09 00:00	473586	(EPA 314)	Perchlorate	6920	ug/l	400	100
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3990 (LE)	mg/l	10	1
PC-119 (2902030454) Sampled on 02/02/09 06:00								
	02/21/09 00:00	473586	(EPA 314)	Perchlorate	4270	ug/l	200	50
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3620 (LE)	mg/l	10	1
PC-120 (2902030455) Sampled on 02/02/09 06:00								
	02/21/09 00:00	473586	(EPA 314)	Perchlorate	1330	ug/l	200	50
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2530 (LE)	mg/l	10	1



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#264598

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-121 (2902030456)		Sampled on 02/02/09 06:00						
	02/21/09 00:00	473586	(EPA 314)	Perchlorate	1720	ug/l	80	20
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2610 (LE)	mg/l	10	1
PC-133 (2902030457)		Sampled on 02/02/09 06:00						
	02/21/09 00:00	473586	(EPA 314)	Perchlorate	1040	ug/l	400	100
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2610 (LE)	mg/l	10	1
ART-9 (2902030458)		Sampled on 02/02/09 05:30						
	02/21/09 00:00	473586	(EPA 314)	Perchlorate	343000	ug/l	20000	5000
02/11/09	02/18/09 00:00	473178	(ML/EPA 6010B)	Chromium, Total, ICAP	1.7	mg/l	0.020	2
	02/11/09 19:01		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/05/09	02/05/09 11:30	471848	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8990 (LE)	mg/l	10	1



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QC Summary
#264598

Tronox LLC - Henderson

QC Ref #0	- Metals Turbidity	Analysis Date: 02/04/2009
2902030440	ART-1	Analyzed by: jrf
2902030440	ART-1	Analyzed by: jrf
2902030442	ART-2	Analyzed by: jrf
2902030442	ART-2	Analyzed by: jrf
2902030443	ART-3	Analyzed by: jrf
2902030443	ART-3	Analyzed by: jrf
2902030444	ART-4	Analyzed by: jrf
2902030444	ART-4	Analyzed by: jrf
2902030445	ART-6	Analyzed by: jrf
2902030445	ART-6	Analyzed by: jrf
2902030446	ART-7	Analyzed by: jrf
2902030446	ART-7	Analyzed by: jrf
2902030447	ART-8	Analyzed by: jrf
2902030447	ART-8	Analyzed by: jrf
2902030448	PC-99R2/R3	Analyzed by: jrf
2902030448	PC-99R2/R3	Analyzed by: jrf
2902030449	PC-115R	Analyzed by: jrf
2902030449	PC-115R	Analyzed by: jrf
2902030450	PC-116R	Analyzed by: jrf
2902030450	PC-116R	Analyzed by: jrf
2902030451	SF-1	Analyzed by: jrf
2902030451	SF-1	Analyzed by: jrf
2902030452	PC-117	Analyzed by: jrf
2902030452	PC-117	Analyzed by: jrf
2902030453	PC-118	Analyzed by: jrf
2902030453	PC-118	Analyzed by: jrf
2902030454	PC-119	Analyzed by: jrf
2902030454	PC-119	Analyzed by: jrf
2902030455	PC-120	Analyzed by: jrf
2902030455	PC-120	Analyzed by: jrf
2902030456	PC-121	Analyzed by: jrf
2902030456	PC-121	Analyzed by: jrf
2902030457	PC-133	Analyzed by: jrf
2902030457	PC-133	Analyzed by: jrf
2902030458	ART-9	Analyzed by: jrf
2902030458	ART-9	Analyzed by: jrf



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QC Summary
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Tronox LLC - Henderson
(continued)

QC Ref #471347 - Perchlorate

Analysis Date: 02/05/2009

2902030440	ART-1	Analyzed by: ser
2902030442	ART-2	Analyzed by: ser
2902030444	ART-4	Analyzed by: ser
2902030445	ART-6	Analyzed by: ser
2902030446	ART-7	Analyzed by: ser
2902030447	ART-8	Analyzed by: ser

QC Ref #471848 - Total Dissolved Solid (TDS)

Analysis Date: 02/05/2009

2902030440	ART-1	Analyzed by: wjp
2902030442	ART-2	Analyzed by: wjp
2902030443	ART-3	Analyzed by: wjp
2902030444	ART-4	Analyzed by: wjp
2902030445	ART-6	Analyzed by: wjp
2902030446	ART-7	Analyzed by: wjp
2902030447	ART-8	Analyzed by: wjp
2902030448	PC-99R2/R3	Analyzed by: wjp
2902030449	PC-115R	Analyzed by: wjp
2902030450	PC-116R	Analyzed by: wjp
2902030451	SF-1	Analyzed by: wjp
2902030452	PC-117	Analyzed by: wjp
2902030453	PC-118	Analyzed by: wjp
2902030454	PC-119	Analyzed by: wjp
2902030455	PC-120	Analyzed by: wjp
2902030456	PC-121	Analyzed by: wjp
2902030457	PC-133	Analyzed by: wjp
2902030458	ART-9	Analyzed by: wjp

QC Ref #473178 - Chromium, Total, ICAP

Analysis Date: 02/18/2009

2902030440	ART-1	Analyzed by: csk
2902030442	ART-2	Analyzed by: csk
2902030443	ART-3	Analyzed by: csk
2902030444	ART-4	Analyzed by: csk
2902030445	ART-6	Analyzed by: csk
2902030446	ART-7	Analyzed by: csk
2902030447	ART-8	Analyzed by: csk
2902030448	PC-99R2/R3	Analyzed by: csk



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Tronox LLC - Henderson
(continued)

2902030449	PC-115R	Analyzed by: csk
2902030450	PC-116R	Analyzed by: csk
2902030451	SF-1	Analyzed by: csk
2902030452	PC-117	Analyzed by: csk
2902030453	PC-118	Analyzed by: csk
2902030454	PC-119	Analyzed by: csk
2902030455	PC-120	Analyzed by: csk
2902030456	PC-121	Analyzed by: csk
2902030457	PC-133	Analyzed by: csk
2902030458	ART-9	Analyzed by: csk

QC Ref #473586 - Perchlorate

Analysis Date: 02/21/2009

2902030443	ART-3	Analyzed by: ser
2902030448	PC-99R2/R3	Analyzed by: ser
2902030449	PC-115R	Analyzed by: ser
2902030450	PC-116R	Analyzed by: ser
2902030452	PC-117	Analyzed by: ser
2902030453	PC-118	Analyzed by: ser
2902030454	PC-119	Analyzed by: ser
2902030455	PC-120	Analyzed by: ser
2902030456	PC-121	Analyzed by: ser
2902030457	PC-133	Analyzed by: ser
2902030458	ART-9	Analyzed by: ser

QC Ref #473883 - Perchlorate

Analysis Date: 02/21/2009

2902030451	SF-1	Analyzed by: ser
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Tronox LLC - Henderson

QC Ref #471347 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	02030439	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.4	UGL	93.6	(85-115)	
LCS2	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
LCS3	Perchlorate	4	3.72	UGL	93.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	27.2	UGL	108.8	(80-120)	
MSD	Perchlorate	25.0	27.4	UGL	109.6	(80-120)	
RPD_LCS	Perchlorate	93.600	97.200	UGL	3.8	(0-15)	
RPD_MS	Perchlorate	108.800	109.600	UGL	1.0	(0-15)	

QC Ref #471848 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	02030451	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6190	6680	MGL		(0-10)	7.6
LCS1	Total Dissolved Solid (TDS)	175	196	MGL	112.0	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	712	MGL	101.7	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	22	MGL	<u>220.0</u>	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	112.000	101.714	MGL	9.6	(0-20)	

QC Ref #473178 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	02030388	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(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	1.09	MGL	109.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	1.08	MGL	108.0	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 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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Laboratory
QC Report
#264598

Tronox LLC - Henderson (continued)

MSD	Chromium, Total, ICAP	1.00	1.08	MGL	108.0	(70-130)
MSD2	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(70-130)

QC Ref #473586 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	01300096	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS2	Perchlorate	25.0	23.1	UGL	92.4	(85-115)	
LCS3	Perchlorate	4	3.78	UGL	94.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.8	UGL	91.2	(80-120)	
MSD	Perchlorate	25.0	23.2	UGL	92.8	(80-120)	
RPD_LCS	Perchlorate	98.800	92.400	UGL	6.7	(0-15)	
RPD_MS	Perchlorate	91.200	92.800	UGL	1.0	(0-15)	

QC Ref #473883 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 200902170072		UGL		(0-0)	
LCS1	Perchlorate	25.0	23.1	UGL	92.4	(85-115)	
LCS2	Perchlorate	25.0	21.3	UGL	85.2	(85-115)	
LCS3	Perchlorate	4	3.53	UGL	88.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.5	UGL	90.0	(80-120)	
MSD	Perchlorate	25.0	23.1	UGL	92.4	(80-120)	
RPD_LCS	Perchlorate	92.400	85.200	UGL	8.1	(0-15)	
RPD_MS	Perchlorate	90.000	92.400	UGL	1.0	(0-15)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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are advisory only, unless otherwise specified in the method.