



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)

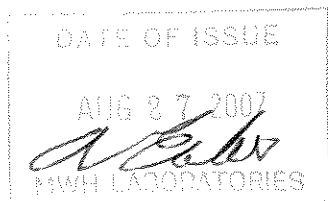
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 212470
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 12 page[s].



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1 800 566 LABS (1 800 566 5227)

August 27, 2007

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

Subject: Case Narrative report 212470

Enclosed is MWH Laboratories Report 212470

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on August 07, 2007 with proper chain of custody. All containers were received without any visible signs of tampering or breakage at proper temperature. Samples are identified on the acknowledgement, which is part of the report package, along with the chain of custody.

Case Narrative:

For the MWH Laboratories data the following issues were observed: None

Sincerely,

Andrew Eaton, PhD
Project Manager



210490

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

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

(800) 566-5227

SAMPLE TEMP, RECEIPT AT LAB:

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 Sampler Michele Brown Susan Crowley (702) 651-2200		Tronox LLC - Henderson Plant PO Box 85 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	SAMPLER COMMENTS
0530	8/6/07		ART-1	RSW	X		SBO - 12373 & 18787
0530	8/6/07		ART-2	RSW	X		
0530	8/6/07		ART-3	RSW	X		
0530	8/6/07		ART-4	RSW	X		
0530	8/6/07		ART-5	RSW	X		
0530	8/6/07		ART-6	RSW	X		
0530	8/6/07		ART-7	RSW	X		No sample
0530	8/6/07		ART-8	RSW	X		
0600	8/6/07		PC-99R2/R3	RSW	X		
0600	8/6/07		PC-115R	RSW	X		
0600	8/6/07		PC-116R	RSW	X		
0600	8/6/07		Seep Surface Flow	RSW	X		

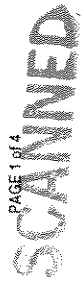
* MATRIX TYPES:

Reported by Volume:
CFW = Chlor(amin)ated Finished Water
FW = Other Finished Water

Reported by Weight:
SO = Soil
SL = Sludge

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

RETURNSHED BY: <i>Michele Brown</i>	SIGNATURE	PRINT NAME Michele Brown	COMPANY/TITLE Veolia Water for Tronox LLC - Henderson Plant	DATE 8/6/2007	TIME 1200pm
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					





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

Bottle Order for Ironox LLC- Henderson Standing

Andrew Eaton Your MWL Project Manager
(626).386.1125 Direct Phone/Voice Mail

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

SO# 36975 12373 RS

Sampler: Please Return this Paper with your samples

Created by 0

Order Date

06/25/07

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

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

Billing Address

Ironox LLC
Attn: Accounts Payable
PO 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
FAX: 702-651-2310

Quote#

SHIP LOCATION

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
30	CLO4, TDS,	1 250 ml poly /no preservative		Per Ed Krish 7-4-06 all samples will be TDS in lieu of EC
-	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
-				login note added 7-6-06
-				TDS

Prepared By

SCANNED

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

SHIPPER'S NUMBER: 142719

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.

SCANNED

CARRIER Federal Express		Date 08/0/607	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	
N/AR			CUSTOMER PO OR REQ'N NO.	
SHIPPED FROM Henderson, NV			CODE NO. WCN IS 1321.10400	
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY	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.
	Weekly ART and PC Well Samples Not Regulated One ice chest @ 33 lbs		1 COOLER	
TRUCK SHIPMENTS				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
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	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.
1	TOTAL GROSS WEIGHT 33	TOTAL TARE WEIGHT 0	33	
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, P.O. Box 268859, Oklahoma City, OK 73126-8859		PER Judi Durkin	AGENT	PER

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



Ship Date: 06AUG07
ActWgt: 33 LB
System#: 2274147/NET7061
Account#: S *****

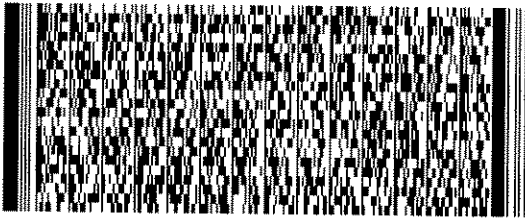
Delivery Address Bar Code



Ref # MSO #142719 - 33.0 lbs.
Invoice #
PO #
Dept #

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

MONROVIA, CA 910163629

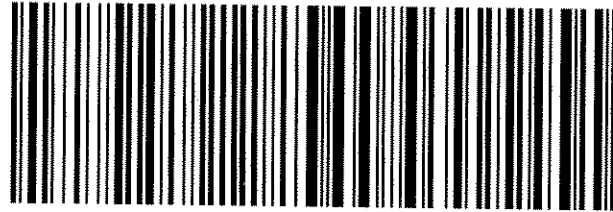


TRK# 7996 8781 7055
0201

TUE - 07AUG A2
PRIORITY OVERNIGHT

QZ-WHPA

BUR
CA-US
91016



SCANNED

Shipping Label: Your shipment is complete

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

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

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

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
 PO#: Susan Crowley PO
 Group#: 212470
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **08/07/07**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2708070418	ART-1	CLO4 TDS	Water	06-aug-2007 05:30:00
2708070422	ART-2	CLO4 TDS	Water	06-aug-2007 05:30:00
2708070423	ART-3	CLO4 TDS	Water	06-aug-2007 05:30:00
2708070424	ART-4	CLO4 TDS	Water	06-aug-2007 05:30:00
2708070425	ART-6	CLO4 TDS	Water	06-aug-2007 05:30:00
2708070426	ART-7	CLO4 TDS	Water	06-aug-2007 05:30:00
2708070427	ART-8	CLO4 TDS	Water	06-aug-2007 05:30:00
2708070428	PC-99R2/R3	CLO4 TDS	Water	06-aug-2007 06:00:00
2708070429	PC-115R	CLO4 TDS	Water	06-aug-2007 06:00:00
2708070430	PC-116R	CLO4 TDS	Water	06-aug-2007 06:00:00
2708070431	SEEP SURFACE FLOW	CLO4 TDS	Water	06-aug-2007 06:00:00
2708070432	SF-1	CLO4 TDS	Water	06-aug-2007 06:00:00
2708070433	PC-117	CLO4 TDS	Water	06-aug-2007 06:00:00
2708070434	PC-118	CLO4 TDS	Water	06-aug-2007 06:00:00
2708070437	PC-119	CLO4 TDS	Water	06-aug-2007 06:00:00
2708070439	PC-120	CLO4 TDS	Water	06-aug-2007 06:00:00
2708070440	PC-121	CLO4 TDS	Water	06-aug-2007 06:00:00

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

Customer Code: KERRMCGEE-MP
 PO#: Susan Crowley PO
 Group#: 212470
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2708070441	PC-133	CLO4 TDS	Water	06-aug-2007 06:00:00
2708070442	ART-9	CLO4 TDS	Water	06-aug-2007 05:30:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
TDS	Total Dissolved Solid (TDS)



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Laboratory
 Hits Report
 #212470

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

Samples Received
 07-aug-2007 16:24:38

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708070418	ART-1				
08/15/07	Perchlorate		82		ug/l	10
08/09/07	Total Dissolved Solid (TDS)		6590	500	mg/l	10
	2708070422	ART-2				
08/10/07	Perchlorate		78500		ug/l	10000
08/09/07	Total Dissolved Solid (TDS)		9560	500	mg/l	10
	2708070423	ART-3				
08/10/07	Perchlorate		327000		ug/l	40000
08/09/07	Total Dissolved Solid (TDS)		8570	500	mg/l	10
	2708070424	ART-4				
08/10/07	Perchlorate		295000		ug/l	40000
08/09/07	Total Dissolved Solid (TDS)		6210	500	mg/l	10
	2708070425	ART-6				
08/10/07	Perchlorate		82300		ug/l	20000
08/09/07	Total Dissolved Solid (TDS)		7360	500	mg/l	10
	2708070426	ART-7				
08/10/07	Perchlorate		130000		ug/l	20000
08/09/07	Total Dissolved Solid (TDS)		10100	500	mg/l	10
	2708070427	ART-8				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#212470

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

Samples Received
07-aug-2007 16:24:38

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708070427	ART-8				
08/16/07	Perchlorate		245000		ug/l	40000
08/09/07	Total Dissolved Solid (TDS)		9340	500	mg/l	10
	2708070428	PC-99R2/R3				
08/10/07	Perchlorate		11400		ug/l	2000
08/13/07	Total Dissolved Solid (TDS)		3920	500	mg/l	10
	2708070429	PC-115R				
08/10/07	Perchlorate		10600		ug/l	2000
08/13/07	Total Dissolved Solid (TDS)		4050	500	mg/l	10
	2708070430	PC-116R				
08/10/07	Perchlorate		7880		ug/l	2000
08/13/07	Total Dissolved Solid (TDS)		4030	500	mg/l	10
	2708070431	SEEP SURFACE FLOW				
08/13/07	Total Dissolved Solid (TDS)		3780	500	mg/l	10
	2708070432	SF-1				
08/13/07	Total Dissolved Solid (TDS)		6290	500	mg/l	10
	2708070433	PC-117				
08/11/07	Perchlorate		2830		ug/l	400
08/13/07	Total Dissolved Solid (TDS)		3420	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#212470

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

Samples Received
07-aug-2007 16:24:38

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708070433	PC-117				
	2708070434	PC-118				
08/11/07	Perchlorate		9280		ug/l	800
08/13/07	Total Dissolved Solid (TDS)		4110	500	mg/l	10
	2708070437	PC-119				
08/16/07	Perchlorate		4390		ug/l	400
08/13/07	Total Dissolved Solid (TDS)		3500	500	mg/l	10
	2708070439	PC-120				
08/11/07	Perchlorate		2020		ug/l	400
08/13/07	Total Dissolved Solid (TDS)		2820	500	mg/l	10
	2708070440	PC-121				
08/11/07	Perchlorate		1320		ug/l	400
08/13/07	Total Dissolved Solid (TDS)		2600	500	mg/l	10
	2708070441	PC-133				
08/11/07	Perchlorate		3740		ug/l	400
08/13/07	Total Dissolved Solid (TDS)		3260	500	mg/l	10
	2708070442	ART-9				
08/11/07	Perchlorate		340000		ug/l	40000
08/13/07	Total Dissolved Solid (TDS)		8100	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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#212470

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

Samples Received
07-aug-2007 16:24:38

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
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	2708070442	ART-9				
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Data Report
#212470

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

Samples Received
08/07/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2708070418)				Sampled on 08/06/07 05:30				
	08/15/07 21:12	381120	(EPA 314)	Perchlorate	82	ug/l	10	5
08/09/07	08/09/07 12:00	380434	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6590	mg/l	10	1
ART-2 (2708070422)				Sampled on 08/06/07 05:30				
	08/10/07 14:49	380675	(EPA 314)	Perchlorate	78500	ug/l	10000	2500
08/09/07	08/09/07 12:00	380434	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9560	mg/l	10	1
ART-3 (2708070423)				Sampled on 08/06/07 05:30				
	08/10/07 14:49	380675	(EPA 314)	Perchlorate	327000	ug/l	40000	10000
08/09/07	08/09/07 12:00	380434	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8570	mg/l	10	1
ART-4 (2708070424)				Sampled on 08/06/07 05:30				
	08/10/07 14:49	380675	(EPA 314)	Perchlorate	295000	ug/l	40000	10000
08/09/07	08/09/07 12:00	380434	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6210	mg/l	10	1
ART-6 (2708070425)				Sampled on 08/06/07 05:30				
	08/10/07 14:49	380675	(EPA 314)	Perchlorate	82300	ug/l	20000	5000
08/09/07	08/09/07 12:00	380434	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7360	mg/l	10	1
ART-7 (2708070426)				Sampled on 08/06/07 05:30				
	08/10/07 14:49	380675	(EPA 314)	Perchlorate	130000	ug/l	20000	5000
08/09/07	08/09/07 12:00	380434	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	10100	mg/l	10	1
ART-8 (2708070427)				Sampled on 08/06/07 05:30				
	08/16/07 09:11	381120	(EPA 314)	Perchlorate	245000	ug/l	40000	10000
08/09/07	08/09/07 12:00	380434	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9340	mg/l	10	1



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Laboratory
Data Report
#212470

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2708070428) Sampled on 08/06/07 06:00								
	08/10/07 14:49	380675	(EPA 314)	Perchlorate	11400	ug/l	2000	500
08/13/07	08/13/07 16:00	381113	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3920	mg/l	10	1
PC-115R (2708070429) Sampled on 08/06/07 06:00								
	08/10/07 14:49	380675	(EPA 314)	Perchlorate	10600	ug/l	2000	500
08/13/07	08/13/07 16:00	381113	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4050	mg/l	10	1
PC-116R (2708070430) Sampled on 08/06/07 06:00								
	08/10/07 14:49	380675	(EPA 314)	Perchlorate	7880	ug/l	2000	500
08/13/07	08/13/07 16:00	381113	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4030	mg/l	10	1
SEEP SURFACE FLOW (2708070431) Sampled on 08/06/07 06:00								
	08/17/07 01:07	381407	(EPA 314)	Perchlorate	ND	ug/l	10	5
08/13/07	08/13/07 16:00	381113	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3780	mg/l	10	1
SF-1 (2708070432) Sampled on 08/06/07 06:00								
	08/16/07 00:11	381120	(EPA 314)	Perchlorate	ND	ug/l	10	5
08/13/07	08/13/07 16:00	381113	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6290	mg/l	10	1
PC-117 (2708070433) Sampled on 08/06/07 06:00								
	08/11/07 00:13	380675	(EPA 314)	Perchlorate	2830	ug/l	400	100
08/13/07	08/13/07 16:00	381113	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3420	mg/l	10	1
PC-118 (2708070434) Sampled on 08/06/07 06:00								
	08/11/07 00:13	380675	(EPA 314)	Perchlorate	9280	ug/l	800	200
08/13/07	08/13/07 16:00	381113	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4110	mg/l	10	1
PC-119 (2708070437) Sampled on 08/06/07 06:00								
	08/16/07 00:11	381120	(EPA 314)	Perchlorate	4390	ug/l	400	100
08/13/07	08/13/07 16:00	381113	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3500	mg/l	10	1



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Laboratory
Data Report
#212470

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-120 (2708070439)				Sampled on 08/06/07 06:00				
	08/11/07 00:13	380675	(EPA 314)	Perchlorate	2020	ug/l	400	100
08/13/07	08/13/07 16:00	381113	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2820	mg/l	10	1
PC-121 (2708070440)				Sampled on 08/06/07 06:00				
	08/11/07 00:13	380675	(EPA 314)	Perchlorate	1320	ug/l	400	100
08/13/07	08/13/07 16:00	381113	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2600	mg/l	10	1
PC-133 (2708070441)				Sampled on 08/06/07 06:00				
	08/11/07 00:13	380675	(EPA 314)	Perchlorate	3740	ug/l	400	100
08/13/07	08/13/07 16:00	381113	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3260	mg/l	10	1
ART-9 (2708070442)				Sampled on 08/06/07 05:30				
	08/11/07 00:13	380675	(EPA 314)	Perchlorate	340000	ug/l	40000	10000
08/13/07	08/13/07 16:00	381113	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8100	mg/l	10	1



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Laboratory
 QC Summary
 #212470

Tronox LLC - Henderson

QC Ref #380434 - Total Dissolved Solid (TDS) Analysis Date: 08/09/2007

2708070418	ART-1	Analyzed by: yvette
2708070422	ART-2	Analyzed by: yvette
2708070423	ART-3	Analyzed by: yvette
2708070424	ART-4	Analyzed by: yvette
2708070425	ART-6	Analyzed by: yvette
2708070426	ART-7	Analyzed by: yvette
2708070427	ART-8	Analyzed by: yvette

QC Ref #380675 - Perchlorate Analysis Date: 08/10/2007

2708070422	ART-2	Analyzed by: clv
2708070423	ART-3	Analyzed by: clv
2708070424	ART-4	Analyzed by: clv
2708070425	ART-6	Analyzed by: clv
2708070426	ART-7	Analyzed by: clv
2708070428	PC-99R2/R3	Analyzed by: clv
2708070429	PC-115R	Analyzed by: clv
2708070430	PC-116R	Analyzed by: clv
2708070433	PC-117	Analyzed by: clv
2708070434	PC-118	Analyzed by: clv
2708070439	PC-120	Analyzed by: clv
2708070440	PC-121	Analyzed by: clv
2708070441	PC-133	Analyzed by: clv
2708070442	ART-9	Analyzed by: clv

QC Ref #381113 - Total Dissolved Solid (TDS) Analysis Date: 08/13/2007

2708070428	PC-99R2/R3	Analyzed by: maria
2708070429	PC-115R	Analyzed by: maria
2708070430	PC-116R	Analyzed by: maria
2708070431	SEEP SURFACE FLOW	Analyzed by: maria
2708070432	SF-1	Analyzed by: maria
2708070433	PC-117	Analyzed by: maria
2708070434	PC-118	Analyzed by: maria
2708070437	PC-119	Analyzed by: maria
2708070439	PC-120	Analyzed by: maria
2708070440	PC-121	Analyzed by: maria
2708070441	PC-133	Analyzed by: maria
2708070442	ART-9	Analyzed by: maria



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QC Summary
#212470

Tronox LLC - Henderson
(continued)

QC Ref #381120 - Perchlorate

Analysis Date: 08/15/2007

2708070418 ART-1
2708070427 ART-8
2708070432 SF-1
2708070437 PC-119

Analyzed by: clv
Analyzed by: clv
Analyzed by: clv
Analyzed by: clv

QC Ref #381407 - Perchlorate

Analysis Date: 08/17/2007

2708070431 SEEP SURFACE FLOW

Analyzed by: clv



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Tronox LLC - Henderson

QC Ref #380434 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08040008	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	14080	14200	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	170	MGL	97.1	(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)	97.143	97.143	MGL	0.0	(0-20)	

QC Ref #380675 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	08070430	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.6	UGL	94.4	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS3	Perchlorate	4	4.35	UGL	108.7	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.6	UGL	106.4	(80-120)	
MSD	Perchlorate	25.0	24.9	UGL	99.6	(80-120)	
RPD_LCS	Perchlorate	94.400	96.800	UGL	2.5	(0-15)	
RPD_MS	Perchlorate	106.400	99.600	UGL	0.9	(0-15)	

QC Ref #381113 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08070428	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	3920	3900	MGL		(0-10)	0.5
LCS1	Total Dissolved Solid (TDS)	175	192	MGL	109.7	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	734	MGL	104.9	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	7.0	MGL	70.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	109.714	104.857	MGL	4.5	(0-20)	

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
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 #212470

Tronox LLC - Henderson
 (continued)

QC Ref #381120

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	08070254	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.9	UGL	99.6	(85-115)	
LCS2	Perchlorate	25.0	23.5	UGL	94.0	(85-115)	
LCS3	Perchlorate	4	4.12	UGL	103.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.7	UGL	94.8	(80-120)	
MSD	Perchlorate	25.0	24.6	UGL	98.4	(80-120)	
RPD_LCS	Perchlorate	99.600	94.000	UGL	5.8	(0-15)	
RPD_MS	Perchlorate	94.800	98.400	UGL	1.0	(0-15)	

QC Ref #381407

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	08130320	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS2	Perchlorate	25.0	25.9	UGL	103.6	(85-115)	
LCS3	Perchlorate	4	4.40	UGL	110.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.4	UGL	93.6	(80-120)	
MSD	Perchlorate	25.0	23.6	UGL	94.4	(80-120)	
RPD_LCS	Perchlorate	97.600	103.600	UGL	6.0	(0-15)	
RPD_MS	Perchlorate	93.600	94.400	UGL	1.0	(0-15)	

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.