



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)

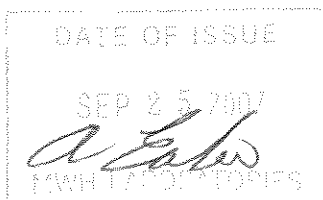
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 215827
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 11 page[s].



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1 800 566 LABS (1 800 566 5227)

September 25, 2007

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

Subject: Case Narrative report 215827

Enclosed is MWH Laboratories Report 215827

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on September 11, 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



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

215829

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

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: 4H

SAMPLE TEMP. RECEIPT AT LAB: 2°

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
 KERRMCGEE-MP Michelle Brown Collection Wells Fields - Weekly - SO #12373
 Sampler: *Michele Brown* Tronox LLC - Henderson Plant
 Susan Crowley (702) 651-2200 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CLO4	TDS	CR	SAMPLER COMMENTS
0530	9/10/07		ART-1	RSW	X		X			SBO - 12373 & 18787
0530	9/10/07		ART-2	RSW	X		X			
0530	9/10/07		ART-3	RSW	X		X			
0530	9/10/07		ART-4	RSW	X		X			
0530	9/10/07		ART-5	RSW	X		X			NO SAMPLE
0530	9/10/07		ART-6	RSW	X		X			
0530	9/10/07		ART-7	RSW	X		X			
0530	9/10/07		ART-8	RSW	X		X			
0600	9/10/07		PC-99R2/R3	RSW	X		X			
0600	9/10/07		PC-115R	RSW	X		X			
0600	9/10/07		PC-116R	RSW	X		X			
0600	9/10/07		Seep Surface Flow	RSW	X		X			NO SAMPLE

* MATRIX TYPES:

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

Reported by Weight:
SO = Soil
SL = Sludge

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

REQUISITIONED BY: *Michele Brown* SIGNATURE: *Joe Sanchez* PRINT NAME: Michele Brown

RECEIVED BY: *Joe Sanchez* COMPANY/TITLE: MWT

REQUISITIONED BY: *Joe Sanchez* DATE: 9/10/07

RECEIVED BY: *Joe Sanchez* TIME: 1200pm



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: 2°

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
 KERRMCGEE-MP Collection Wells Fields - Monthly - SO #12373
 Sampler Signature: *Michele Brown* Tronox LLC - Henderson Plant LLC
 Susan Crowley (702) 651-2200 Henderson, NV 89009

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	Total Cl ₂	TDS	CR	SAMPLER COMMENTS
6:00	9/10/07		SF-1	RSW	X		X	X		
6:00	9/10/07		PC-117	RSW	X		X	X		
6:00	9/10/07		PC-118	RSW	X		X	X		
6:00	9/10/07		PC-119	RSW	X		X	X		
6:00	9/10/07		PC-120	RSW	X		X	X		
6:00	9/10/07		PC-121	RSW	X		X	X		
6:00	9/10/07		PC-133	RSW	X		X	X		
5:30	9/10/07		ART-9	RSW	X		X	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

RELINQUISHED BY: *Michele Brown* SIGNATURE

RECEIVED BY: *Joe SANCHEZ* PRINT NAME

RELINQUISHED BY: RECEIVED BY:

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

DATE: 9/10/2007 TIME: 1200pm

9-11-07 10:00



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

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

W Weekly
Week 1

Period

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

SO# 37575 12373 RS

Sampler: Please Return this Paper with your samples

Created by 0

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
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#

Date Needed by Client
Date Samples to Arrive at MWL
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

Status Date Shipped Carrier Qty of Coolers Tracking Number



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: 142762

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 09/10/07	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	
	Weekly ART and PC Well Samples Not Regulated		1 COOLER	
	One ice chest @ 33 lbs each			
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.				
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 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				
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



CLS02987/2123

Ship Date: 10SEP07
ActWgt: 33 LB
System#: 2274147/INET7061
Account#: S *****

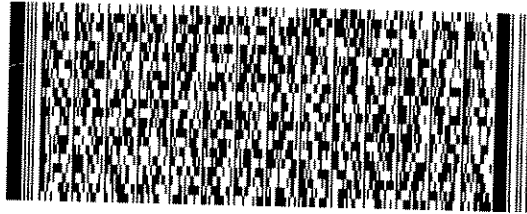
Delivery Address Bar Code



Ref # MSO #142762
Invoice #
PO #
Dept #

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

MONROVIA, CA 910163629

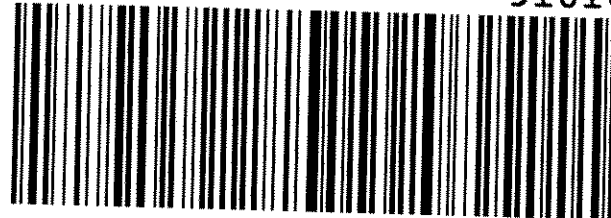


TRK# 7925 5800 8835
0201

TUE - 11SEP A2
PRIORITY OVERNIGHT

QZ-WHPA

BUR
CA-US
91016



RECEIVED
SEP 10 2007

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#: 215827
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on 09/11/07. 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
2709110073	ART-1	CLO4 TDS	Water	10-sep-2007 05:30:00
2709110074	ART-2	CLO4 TDS	Water	10-sep-2007 05:30:00
2709110075	ART-3	CLO4 TDS	Water	10-sep-2007 05:30:00
2709110076	ART-4	CLO4 TDS	Water	10-sep-2007 05:30:00
2709110077	ART-6	CLO4 TDS	Water	10-sep-2007 05:30:00
2709110078	ART-7	CLO4 TDS	Water	10-sep-2007 05:30:00
2709110079	ART-8	CLO4 TDS	Water	10-sep-2007 05:30:00
2709110080	PC-99R2/R3	CLO4 TDS	Water	10-sep-2007 06:00:00
2709110081	PC-115R	CLO4 TDS	Water	10-sep-2007 06:00:00
2709110082	PC-116R	CLO4 TDS	Water	10-sep-2007 06:00:00
2709110083	SF-1	CLO4 TDS	Water	10-sep-2007 06:00:00
2709110084	PC-117	CLO4 TDS	Water	10-sep-2007 06:00:00
2709110085	PC-118	CLO4 TDS	Water	10-sep-2007 06:00:00
2709110086	PC-119	CLO4 TDS	Water	10-sep-2007 06:00:00
2709110087	PC-120	CLO4 TDS	Water	10-sep-2007 06:00:00
2709110088	PC-121	CLO4 TDS	Water	10-sep-2007 06:00:00
2709110089	PC-133	CLO4 TDS	Water	10-sep-2007 06:00:00

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#: 215827
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2709110090	ART-9	CLO4 TDS	Water	10-sep-2007 05:30:00

Test Acronym Description

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



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Report
Comments
#215827

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: 



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Laboratory
Hits Report
#215827

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

Samples Received
11-sep-2007 12:58:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2709110073	ART-1				
09/11/07	Perchlorate		100		ug/l	10
09/13/07	Total Dissolved Solid (TDS)		6540	500	mg/l	10
	2709110074	ART-2				
09/11/07	Perchlorate		75600		ug/l	10000
09/13/07	Total Dissolved Solid (TDS)		9280	500	mg/l	10
	2709110075	ART-3				
09/11/07	Perchlorate		302000		ug/l	40000
09/13/07	Total Dissolved Solid (TDS)		8400	500	mg/l	10
	2709110076	ART-4				
09/11/07	Perchlorate		292000		ug/l	40000
09/13/07	Total Dissolved Solid (TDS)		6100	500	mg/l	10
	2709110077	ART-6				
09/11/07	Perchlorate		71500		ug/l	20000
09/13/07	Total Dissolved Solid (TDS)		7150	500	mg/l	10
	2709110078	ART-7				
09/11/07	Perchlorate		123000		ug/l	20000
09/13/07	Total Dissolved Solid (TDS)		10000	500	mg/l	10
	2709110079	ART-8				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#215827

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

Samples Received
11-sep-2007 12:58:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2709110079	ART-8				
09/11/07	Perchlorate		241000		ug/l	40000
09/13/07	Total Dissolved Solid (TDS)		9480	500	mg/l	10
	2709110080	PC-99R2/R3				
09/11/07	Perchlorate		9550		ug/l	2000
09/13/07	Total Dissolved Solid (TDS)		3800	500	mg/l	10
	2709110081	PC-115R				
09/11/07	Perchlorate		11000		ug/l	2000
09/13/07	Total Dissolved Solid (TDS)		3980	500	mg/l	10
	2709110082	PC-116R				
09/11/07	Perchlorate		6840		ug/l	2000
09/13/07	Total Dissolved Solid (TDS)		3770	500	mg/l	10
	2709110083	SF-1				
09/13/07	Total Dissolved Solid (TDS)		6170	500	mg/l	10
	2709110084	PC-117				
09/11/07	Perchlorate		2460		ug/l	400
09/13/07	Total Dissolved Solid (TDS)		3210	500	mg/l	10
	2709110085	PC-118				
09/11/07	Perchlorate		8210		ug/l	800

SUMMARY OF POSITIVE DATA ONLY.



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#215827

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

Samples Received
11-sep-2007 12:58:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2709110085	PC-118				
09/13/07	Total Dissolved Solid (TDS)		3840	500	mg/l	10
	2709110086	PC-119				
09/11/07	Perchlorate		3840		ug/l	400
09/13/07	Total Dissolved Solid (TDS)		3310	500	mg/l	10
	2709110087	PC-120				
09/11/07	Perchlorate		1590		ug/l	400
09/13/07	Total Dissolved Solid (TDS)		2700	500	mg/l	10
	2709110088	PC-121				
09/11/07	Perchlorate		1440		ug/l	400
09/13/07	Total Dissolved Solid (TDS)		2660	500	mg/l	10
	2709110089	PC-133				
09/12/07	Perchlorate		2770		ug/l	400
09/13/07	Total Dissolved Solid (TDS)		3020	500	mg/l	10
	2709110090	ART-9				
09/12/07	Perchlorate		306000		ug/l	40000
09/13/07	Total Dissolved Solid (TDS)		7660	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Data Report
 #215827

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

Samples Received
 09/11/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2709110073) Sampled on 09/10/07 05:30								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	100	ug/l	10	5
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6540	mg/l	10	1
ART-2 (2709110074) Sampled on 09/10/07 05:30								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	75600	ug/l	10000	2500
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9280	mg/l	10	1
ART-3 (2709110075) Sampled on 09/10/07 05:30								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	302000	ug/l	40000	10000
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8400	mg/l	10	1
ART-4 (2709110076) Sampled on 09/10/07 05:30								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	292000	ug/l	40000	10000
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6100	mg/l	10	1
ART-6 (2709110077) Sampled on 09/10/07 05:30								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	71500	ug/l	20000	5000
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7150	mg/l	10	1
ART-7 (2709110078) Sampled on 09/10/07 05:30								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	123000	ug/l	20000	5000
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	10000	mg/l	10	1
ART-8 (2709110079) Sampled on 09/10/07 05:30								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	241000	ug/l	40000	10000
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9480	mg/l	10	1



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

Laboratory
Data Report
#215827

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2709110080) Sampled on 09/10/07 06:00								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	9550	ug/l	2000	500
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3800	mg/l	10	1
PC-115R (2709110081) Sampled on 09/10/07 06:00								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	11000	ug/l	2000	500
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3980	mg/l	10	1
PC-116R (2709110082) Sampled on 09/10/07 06:00								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	6840	ug/l	2000	500
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3770	mg/l	10	1
SF-1 (2709110083) Sampled on 09/10/07 06:00								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	ND	ug/l	10	5
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6170	mg/l	10	1
PC-117 (2709110084) Sampled on 09/10/07 06:00								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	2460	ug/l	400	100
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3210	mg/l	10	1
PC-118 (2709110085) Sampled on 09/10/07 06:00								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	8210	ug/l	800	200
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3840	mg/l	10	1
PC-119 (2709110086) Sampled on 09/10/07 06:00								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	3840	ug/l	400	100
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3310	mg/l	10	1
PC-120 (2709110087) Sampled on 09/10/07 06:00								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	1590	ug/l	400	100
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2700	mg/l	10	1



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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-121 (2709110088) Sampled on 09/10/07 06:00								
	09/11/07 11:04	385218	(EPA 314)	Perchlorate	1440	ug/l	400	100
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2660	mg/l	10	1
PC-133 (2709110089) Sampled on 09/10/07 06:00								
	09/12/07 00:08	385220	(EPA 314)	Perchlorate	2770	ug/l	400	100
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3020	mg/l	10	1
ART-9 (2709110090) Sampled on 09/10/07 05:30								
	09/12/07 00:08	385220	(EPA 314)	Perchlorate	306000	ug/l	40000	10000
09/13/07	09/13/07 15:30	385955	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7660	mg/l	10	1



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

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Tronox LLC - Henderson

QC Ref #385218 - Perchlorate

Analysis Date: 09/11/2007

2709110073	ART-1	Analyzed by: clv
2709110074	ART-2	Analyzed by: clv
2709110075	ART-3	Analyzed by: clv
2709110076	ART-4	Analyzed by: clv
2709110077	ART-6	Analyzed by: clv
2709110078	ART-7	Analyzed by: clv
2709110079	ART-8	Analyzed by: clv
2709110080	PC-99R2/R3	Analyzed by: clv
2709110081	PC-115R	Analyzed by: clv
2709110082	PC-116R	Analyzed by: clv
2709110083	SF-1	Analyzed by: clv
2709110084	PC-117	Analyzed by: clv
2709110085	PC-118	Analyzed by: clv
2709110086	PC-119	Analyzed by: clv
2709110087	PC-120	Analyzed by: clv
2709110088	PC-121	Analyzed by: clv

QC Ref #385220 - Perchlorate

Analysis Date: 09/12/2007

2709110089	PC-133	Analyzed by: clv
2709110090	ART-9	Analyzed by: clv

QC Ref #385955 - Total Dissolved Solid (TDS)

Analysis Date: 09/13/2007

2709110073	ART-1	Analyzed by: yvette
2709110074	ART-2	Analyzed by: yvette
2709110075	ART-3	Analyzed by: yvette
2709110076	ART-4	Analyzed by: yvette
2709110077	ART-6	Analyzed by: yvette
2709110078	ART-7	Analyzed by: yvette
2709110079	ART-8	Analyzed by: yvette
2709110080	PC-99R2/R3	Analyzed by: yvette
2709110081	PC-115R	Analyzed by: yvette
2709110082	PC-116R	Analyzed by: yvette
2709110083	SF-1	Analyzed by: yvette
2709110084	PC-117	Analyzed by: yvette
2709110085	PC-118	Analyzed by: yvette
2709110086	PC-119	Analyzed by: yvette
2709110087	PC-120	Analyzed by: yvette
2709110088	PC-121	Analyzed by: yvette
2709110089	PC-133	Analyzed by: yvette



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Tronox LLC - Henderson
(continued)

2709110090

ART-9

Analyzed by: yvette

Tronox LLC - Henderson

QC Ref #385218
Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	09110052	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.5	UGL	94.0	(85-115)	
LCS2	Perchlorate	25.0	25.0	UGL	100.0	(85-115)	
LCS3	Perchlorate	4	3.40	UGL	85.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.5	UGL	94.0	(80-120)	
MSD	Perchlorate	25.0	22.4	UGL	89.6	(80-120)	
RPD_LCS	Perchlorate	94.000	100.000	UGL	6.2	(0-15)	
RPD_MS	Perchlorate	94.000	89.600	UGL	1.0	(0-15)	

QC Ref #385220
Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	09110089	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.8	UGL	103.2	(85-115)	
LCS2	Perchlorate	25.0	24.1	UGL	96.4	(85-115)	
LCS3	Perchlorate	4	4.76	UGL	119.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.5	UGL	102.0	(80-120)	
MSD	Perchlorate	25.0	24.8	UGL	99.2	(80-120)	
RPD_LCS	Perchlorate	103.200	96.400	UGL	6.8	(0-15)	
RPD_MS	Perchlorate	102.000	99.200	UGL	1.0	(0-15)	

QC Ref #385955
Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	09110073	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6540	6780	MGL		(0-10)	3.6
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	694	MGL	99.1	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

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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MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	(50-150)
RPD_LCS	Total Dissolved Solid (TDS)	94.857	99.143	MGL	4.4	(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.