



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)

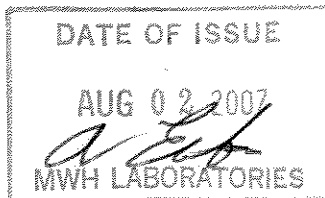
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 210606
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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August 2, 2007

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

Subject: Case Narrative report 210606

Enclosed is MWH Laboratories Report 210606

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on July 17, 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

210604

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

MWLABS USE ONLY:

SAMPLES CHECKED/LOGGED IN BY: _____

LOGIN COMMENTS: _____

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 ClO ₂	TDS	CR	SAMPLER COMMENTS
6:00	7/16/07		SF-1	RSW	X		X	X		
6:00	7/16/07		PC-117	RSW	X		X	X		
6:00	7/16/07		PC-118	RSW	X		X	X		
6:00	7/16/07		PC-119	RSW	X		X	X		
6:00	7/16/07		PC-120	RSW	X		X	X		
6:00	7/16/07		PC-121	RSW	X		X	X		
6:00	7/16/07		PC-133	RSW	X		X	X		
5:30	7/16/07		ART-9	RSW	X		X	X		

* MATRIX TYPES:

Reported by Volume:
CFW = Chloroform)inated Finished Water
FW = Other Finished Water

Reported by Weight:
SO = Soil
SL = Sludge

RGW = Raw Ground Water
RSW = Raw Surface Water
CW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

RELINQUISHED BY: Michele Brown SIGNATURE
 RECEIVED BY: Joe Sanchez PRINT NAME
 RELINQUISHED BY: Joe Sanchez COMPANY/TITLE
 RECEIVED BY: _____ DATE: 7/16/2007 TIME: 1200pm
 SCANNED



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# GWREMEDIATION
Blanket PO

W Weekly
Week 1

SO# 36635 12373 RS

Sampler: Please Return this Paper with your samples

Created by HV
Order Date 06/17/07
Date Needed by Client
SHIP LOCATION

Send Report to

Ironox LLC Henderson Plant
PO Box 55
Henderson, NV 89009

Billing Address

Ironox LLC
Attn: Accounts Payable
PO BOX 268859
Oklahoma City, OK 73126-8859

ATTN: Susan Crowley
PHONE: 702-551-2234

ATTN: Susan Crowley
PHONE: 702-551-2234
FAX: 702-551-2310

Quote#

HV

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



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: 142680

SCANNED

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 07/16/07	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 CODE NO. WCN IS 1321.10400	
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM Henderson, NV	If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Weekly ART and PC Well Samples Not Regulated One ice chest @ 31 lbs		1 COOLER
TRUCK SHIPMENTS PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US.
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
1	31	0	31
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 Olga Maestas	AGENT	PER

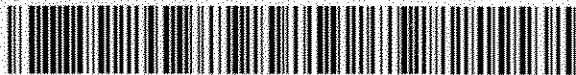
From: Origin ID: LASA (702)651-2230
 TRONOX LLC
 TRONOX LLC
 8000 LAKE MEAD PARKWAY
 SHIPPING DEPARTMENT
 HENDERSON, NV 89015



CLS892987/2423

Ship Date: 16JUL07
 ActWgt: 31 LB
 System#: 2274147/INET2600
 Account#: S *****

Delivery Address Bar Code



Ref # MSO #142680
 Invoice #
 PO #
 Dept #

SCANNED

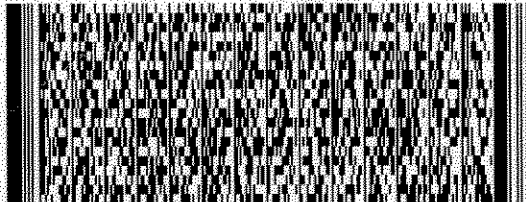
SHIP TO: (626)568-6400 **BILL SENDER**

ATTN: SAMPLE RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS DR # 100

MONROVIA, CA 910163629

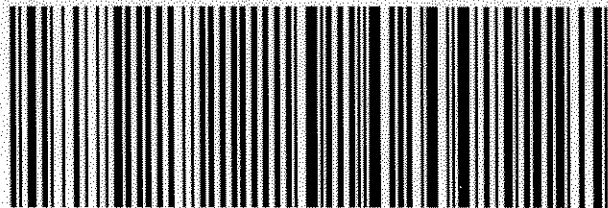
TRK# 7902 9230 9683
 0201

TUE - 17JUL A2
PRIORITY OVERNIGHT



QZ-WHPA

BUR
CA-US
91016



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#: 210606
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **07/17/07**. 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
2707170661	ART-1	CLO4 TDS	Water	16-jul-2007 05:30:00
2707170662	ART-2	CLO4 TDS	Water	16-jul-2007 05:30:00
2707170663	ART-3	CLO4 TDS	Water	16-jul-2007 05:30:00
2707170664	ART-4	CLO4 TDS	Water	16-jul-2007 05:30:00
2707170665	ART-6	CLO4 TDS	Water	16-jul-2007 05:30:00
2707170666	ART-7	CLO4 TDS	Water	16-jul-2007 05:30:00
2707170667	ART-8	CLO4 TDS	Water	16-jul-2007 05:30:00
2707170668	PC-99R2/R3	CLO4 TDS	Water	16-jul-2007 06:00:00
2707170669	PC-115R	CLO4 TDS	Water	16-jul-2007 06:00:00
2707170670	PC-116R	CLO4 TDS	Water	16-jul-2007 06:00:00
2707170671	SF-1	CLO4 TDS	Water	16-jul-2007 06:00:00
2707170672	PC-117	CLO4 TDS	Water	16-jul-2007 06:00:00
2707170673	PC-118	CLO4 TDS	Water	16-jul-2007 06:00:00
2707170674	PC-119	CLO4 TDS	Water	16-jul-2007 06:00:00
2707170675	PC-120	CLO4 TDS	Water	16-jul-2007 06:00:00
2707170676	PC-121	CLO4 TDS	Water	16-jul-2007 06:00:00
2707170677	PC-133	CLO4 TDS	Water	16-jul-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#: 210606
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2707170678	ART-9	CLO4 TDS	Water	16-jul-2007 05:30:00

Test Acronym Description

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



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Report
Comments
#210606

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
#210606

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

Samples Received
17-jul-2007 19:08:08

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2707170661	ART-1				
07/18/07	Perchlorate		94		ug/l	20
07/20/07	Total Dissolved Solid (TDS)		7030	500	mg/l	10
	2707170662	ART-2				
07/18/07	Perchlorate		91800		ug/l	20000
07/20/07	Total Dissolved Solid (TDS)		9540	500	mg/l	10
	2707170663	ART-3				
07/19/07	Perchlorate		331000		ug/l	40000
07/20/07	Total Dissolved Solid (TDS)		9040	500	mg/l	10
	2707170664	ART-4				
07/19/07	Perchlorate		330000		ug/l	40000
07/20/07	Total Dissolved Solid (TDS)		6780	500	mg/l	10
	2707170665	ART-6				
07/19/07	Perchlorate		78500		ug/l	20000
07/20/07	Total Dissolved Solid (TDS)		7820	500	mg/l	10
	2707170666	ART-7				
07/19/07	Perchlorate		145000		ug/l	20000
07/20/07	Total Dissolved Solid (TDS)		10600	500	mg/l	10
	2707170667	ART-8				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#210606

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

Samples Received
17-jul-2007 19:08:08

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2707170667	ART-8				
07/19/07	Perchlorate		274000		ug/l	40000
07/20/07	Total Dissolved Solid (TDS)		10000	500	mg/l	10
	2707170668	PC-99R2/R3				
07/19/07	Perchlorate		11600		ug/l	2000
07/20/07	Total Dissolved Solid (TDS)		4290	500	mg/l	10
	2707170669	PC-115R				
07/19/07	Perchlorate		11600		ug/l	2000
07/20/07	Total Dissolved Solid (TDS)		4300	500	mg/l	10
	2707170670	PC-116R				
07/19/07	Perchlorate		9050		ug/l	2000
07/20/07	Total Dissolved Solid (TDS)		4520	500	mg/l	10
	2707170671	SF-1				
07/20/07	Total Dissolved Solid (TDS)		6100	500	mg/l	10
	2707170672	PC-117				
07/19/07	Perchlorate		2820		ug/l	400
07/19/07	Total Dissolved Solid (TDS)		3350	500	mg/l	10
	2707170673	PC-118				
07/19/07	Perchlorate		10600		ug/l	800

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#210606

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

Samples Received
17-jul-2007 19:08:08

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2707170673	PC-118				
07/20/07	Total Dissolved Solid (TDS)		4330	500	mg/l	10
	2707170674	PC-119				
07/19/07	Perchlorate		7480		ug/l	400
07/20/07	Total Dissolved Solid (TDS)		3990	500	mg/l	10
	2707170675	PC-120				
07/19/07	Perchlorate		1910		ug/l	400
07/20/07	Total Dissolved Solid (TDS)		2820	500	mg/l	10
	2707170676	PC-121				
07/19/07	Perchlorate		1200		ug/l	400
07/20/07	Total Dissolved Solid (TDS)		2620	500	mg/l	10
	2707170677	PC-133				
07/19/07	Perchlorate		4380		ug/l	400
07/20/07	Total Dissolved Solid (TDS)		3500	500	mg/l	10
	2707170678	ART-9				
07/19/07	Perchlorate		343000		ug/l	20000
07/20/07	Total Dissolved Solid (TDS)		8190	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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#210606

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

Samples Received
07/17/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2707170661) Sampled on 07/16/07 05:30								
	07/18/07 17:15	377038	(EPA 314)	Perchlorate	94	ug/l	20	5
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7030	mg/l	10	1
ART-2 (2707170662) Sampled on 07/16/07 05:30								
	07/18/07 17:15	377038	(EPA 314)	Perchlorate	91800	ug/l	20000	5000
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9540	mg/l	10	1
ART-3 (2707170663) Sampled on 07/16/07 05:30								
	07/19/07 00:20	377038	(EPA 314)	Perchlorate	331000	ug/l	40000	10000
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9040	mg/l	10	1
ART-4 (2707170664) Sampled on 07/16/07 05:30								
	07/19/07 00:20	377038	(EPA 314)	Perchlorate	330000	ug/l	40000	10000
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6780	mg/l	10	1
ART-6 (2707170665) Sampled on 07/16/07 05:30								
	07/19/07 00:20	377038	(EPA 314)	Perchlorate	78500	ug/l	20000	5000
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7820	mg/l	10	1
ART-7 (2707170666) Sampled on 07/16/07 05:30								
	07/19/07 00:20	377038	(EPA 314)	Perchlorate	145000	ug/l	20000	5000
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	10600	mg/l	10	1
ART-8 (2707170667) Sampled on 07/16/07 05:30								
	07/19/07 00:20	377038	(EPA 314)	Perchlorate	274000	ug/l	40000	10000
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	10000	mg/l	10	1



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Laboratory
Data Report
#210606

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2707170668) Sampled on 07/16/07 06:00								
	07/19/07 00:20	377038	(EPA 314)	Perchlorate	11600	ug/l	2000	500
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4290	mg/l	10	1
PC-115R (2707170669) Sampled on 07/16/07 06:00								
	07/19/07 00:20	377038	(EPA 314)	Perchlorate	11600	ug/l	2000	500
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4300	mg/l	10	1
PC-116R (2707170670) Sampled on 07/16/07 06:00								
	07/19/07 00:20	377038	(EPA 314)	Perchlorate	9050	ug/l	2000	500
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4520	mg/l	10	1
SF-1 (2707170671) Sampled on 07/16/07 06:00								
	07/19/07 00:20	377038	(EPA 314)	Perchlorate	ND	ug/l	10	5
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6100	mg/l	10	1
PC-117 (2707170672) Sampled on 07/16/07 06:00								
	07/19/07 00:20	377038	(EPA 314)	Perchlorate	2820	ug/l	400	100
07/19/07	07/19/07 15:30	377462	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3350	mg/l	10	1
PC-118 (2707170673) Sampled on 07/16/07 06:00								
	07/19/07 16:30	377489	(EPA 314)	Perchlorate	10600	ug/l	800	200
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4330	mg/l	10	1
PC-119 (2707170674) Sampled on 07/16/07 06:00								
	07/19/07 16:30	377489	(EPA 314)	Perchlorate	7480	ug/l	400	100
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3990	mg/l	10	1
PC-120 (2707170675) Sampled on 07/16/07 06:00								
	07/19/07 16:30	377489	(EPA 314)	Perchlorate	1910	ug/l	400	100
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2820	mg/l	10	1



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Laboratory
Data Report
#210606

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-121 (2707170676) Sampled on 07/16/07 06:00								
	07/19/07 16:30	377489	(EPA 314)	Perchlorate	1200	ug/l	400	100
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2620	mg/l	10	1
PC-133 (2707170677) Sampled on 07/16/07 06:00								
	07/19/07 16:30	377489	(EPA 314)	Perchlorate	4380	ug/l	400	100
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3500	mg/l	10	1
ART-9 (2707170678) Sampled on 07/16/07 05:30								
	07/19/07 16:30	377489	(EPA 314)	Perchlorate	343000	ug/l	20000	5000
07/20/07	07/20/07 11:00	377766	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8190	mg/l	10	1



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Laboratory
QC Summary
#210606

Tronox LLC - Henderson

QC Ref #377038 - Perchlorate

Analysis Date: 07/18/2007

2707170661	ART-1	Analyzed by: clv
2707170662	ART-2	Analyzed by: clv
2707170663	ART-3	Analyzed by: clv
2707170664	ART-4	Analyzed by: clv
2707170665	ART-6	Analyzed by: clv
2707170666	ART-7	Analyzed by: clv
2707170667	ART-8	Analyzed by: clv
2707170668	PC-99R2/R3	Analyzed by: clv
2707170669	PC-115R	Analyzed by: clv
2707170670	PC-116R	Analyzed by: clv
2707170671	SF-1	Analyzed by: clv
2707170672	PC-117	Analyzed by: clv

QC Ref #377462 - Total Dissolved Solid (TDS)

Analysis Date: 07/19/2007

2707170672	PC-117	Analyzed by: yvette
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QC Ref #377489 - Perchlorate

Analysis Date: 07/19/2007

2707170673	PC-118	Analyzed by: clv
2707170674	PC-119	Analyzed by: clv
2707170675	PC-120	Analyzed by: clv
2707170676	PC-121	Analyzed by: clv
2707170677	PC-133	Analyzed by: clv
2707170678	ART-9	Analyzed by: clv

QC Ref #377766 - Total Dissolved Solid (TDS)

Analysis Date: 07/20/2007

2707170661	ART-1	Analyzed by: yvette
2707170662	ART-2	Analyzed by: yvette
2707170663	ART-3	Analyzed by: yvette
2707170664	ART-4	Analyzed by: yvette
2707170665	ART-6	Analyzed by: yvette
2707170666	ART-7	Analyzed by: yvette
2707170667	ART-8	Analyzed by: yvette
2707170668	PC-99R2/R3	Analyzed by: yvette
2707170669	PC-115R	Analyzed by: yvette
2707170670	PC-116R	Analyzed by: yvette
2707170671	SF-1	Analyzed by: yvette
2707170673	PC-118	Analyzed by: yvette



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Laboratory
QC Summary
#210606

Tronox LLC - Henderson
(continued)

2707170674	PC-119	Analyzed by: yvette
2707170675	PC-120	Analyzed by: yvette
2707170676	PC-121	Analyzed by: yvette
2707170677	PC-133	Analyzed by: yvette
2707170678	ART-9	Analyzed by: yvette



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Laboratory
QC Report
#210606

Tronox LLC - Henderson

QC Ref #377038

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	07170443	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.8	UGL	95.2	(85-115)	
LCS2	Perchlorate	25.0	23.7	UGL	94.8	(85-115)	
LCS3	Perchlorate	4	3.59	UGL	89.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	20.2	UGL	80.8	(80-120)	
MSD	Perchlorate	25.0	23.1	UGL	92.4	(80-120)	
RPD_LCS	Perchlorate	95.200	94.800	UGL	0.4	(0-15)	
RPD_MS	Perchlorate	80.800	92.400	UGL	1.1	(0-15)	

QC Ref #377462

Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	07180265	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	46	44	MGL		(0-10)	4.4
LCS1	Total Dissolved Solid (TDS)	175	176	MGL	100.6	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	692	MGL	98.9	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	100.571	98.857	MGL	1.7	(0-20)	

QC Ref #377489

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	07180027	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.0	UGL	104.0	(85-115)	
LCS2	Perchlorate	25.0	27.1	UGL	108.4	(85-115)	
LCS3	Perchlorate	4	4.03	UGL	100.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	(80-120)	
MSD	Perchlorate	25.0	25.4	UGL	101.6	(80-120)	

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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Tronox LLC - Henderson
(continued)

RPD_LCS	Perchlorate	104.000	108.400	UGL	4.1	(0-15)
RPD_MS	Perchlorate	97.600	101.600	UGL	1.0	(0-15)

QC Ref #377766 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	07170661	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	7030	6930	MGL		(0-10)	1.4
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	684	MGL	97.7	(80-114)	
MBLE	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)	98.286	97.714	MGL	0.6	(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.