



# 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)

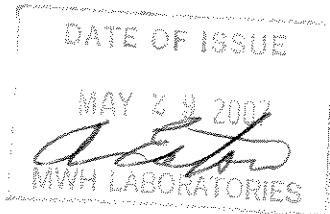
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton  
Project Manager



Report#: 204530  
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].



MONTGOMERY WATSON LABORATORIES

# CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY:

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN  PARTIALLY FROZEN  THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		(check for yes)	
KERRMCGEE-MP		Collection Wells Fields - Weekly - SO #12373		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		<input checked="" type="checkbox"/>	
Sampler Michele Brown Susan Crowley (702) 651-2200		Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009					
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	SAMPLER COMMENTS
0530	5/14/07		ART-1	RSW	X		SBO - 12373 & 18787
0530	5/14/07		ART-2	RSW	X		
0530	5/14/07		ART-3	RSW	X		
0530	5/14/07		ART-4	RSW	X		
0530	5/14/07		ART-5	RSW	X		
0530	5/14/07		ART-6	RSW	X		
0530	5/14/07		ART-7	RSW	X		NO SAMPLE
0530	5/14/07		ART-8	RSW	X		
0600	5/14/07		PC-99R2/R3	RSW	X		
0600	5/14/07		PC-115R	RSW	X		
0600	5/14/07		PC-116R	RSW	X		
0600	5/14/07		Seep Surface Flow	RSW	X		

\* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water  
FW = Other Finished Water

Reported by Weight:

SO = Soil  
SL = Sludge  
CWW = Chlorinated Waste Water  
WW = Other Waste Water  
SW = Storm Water

SIGNATURE

PRINT NAME

COMPANY/TITLE

TIME

RELINQUISHED BY:	<i>Michele Brown</i>	DATE	5/14/2007
RECEIVED BY:		DATE	5/15/07
RELINQUISHED BY:		DATE	
RECEIVED BY:		DATE	

C-O-C#

Q/C/O4 Remediation/Chain of Custody Forms/MWH COC - ART Monthly







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  
PC# / Job# GWREMEDIATION  
Blanket PO

W Weekly  
Week 1

SO# 35497 12373 RS

**Sampler: Please Return this Paper with your samples**

Created by HV

Order Date 04/09/07

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  
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#

HV

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

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: 142604

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 <b>Federal Express</b>		Date <b>5/14/07</b>	FROM NO. STATION: STATE <b>Henderson, NV 89015</b>		
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400			Authorization <b>S. CROWLEY</b>		
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 <b>Henderson, NV</b>			CODE NO. WCN IS <b>1321.10400</b> 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		
	<b>Weekly ART and PC Well Samples Not Regulated</b>  <b>One ice chest @ 33 lbs</b>		<b>1 COOLER</b>		
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		
<b>1</b>	<b>33</b>	<b>0</b>	<b>33</b>		
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 <b>Judi Durkin</b>	AGENT	PER	

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



CLS8222872103

Ship Date: 14MAY07  
 ActWgt: 33 LB  
 System#: 2274147/INET2600  
 Account#: S \*\*\*\*\*

Delivery Address Bar Code

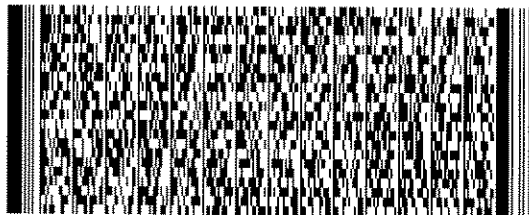


Ref # MSO #142604 - 33.0 lbs.  
 Invoice #  
 PO #  
 Dept #

SHIP TO: (626)568-6400 BILL SENDER

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

**MONROVIA, CA 910163629**



**PRIORITY OVERNIGHT**

**TUE**

TRK# 7986 7397 3180

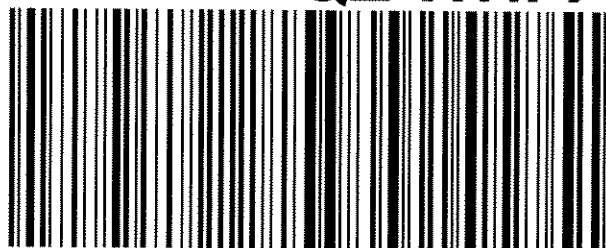
FORM 0201

Deliver By:  
 15MAY07

**BUR A2**

**91016 -CA-US**

**QZ WHPA**



**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#: 204530  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on **05/15/07**. 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
2705150206	ART-1	CLO4 TDS	Water	14-may-2007 05:30:00
2705150209	ART-2	CLO4 TDS	Water	14-may-2007 05:30:00
2705150210	ART-3	CLO4 TDS	Water	14-may-2007 05:30:00
2705150211	ART-4	CLO4 TDS	Water	14-may-2007 05:30:00
2705150212	ART-6	CLO4 TDS	Water	14-may-2007 05:30:00
2705150213	ART-7	CLO4 TDS	Water	14-may-2007 05:30:00
2705150214	ART-8	CLO4 TDS	Water	14-may-2007 05:30:00
2705150215	PC-99R2/R3	CLO4 TDS	Water	14-may-2007 06:00:00
2705150216	PC-115R	CLO4 TDS	Water	14-may-2007 06:00:00
2705150217	PC-116R	CLO4 TDS	Water	14-may-2007 06:00:00
2705150218	SEEP SURFACE FLOW	CLO4 TDS	Water	14-may-2007 06:00:00
2705150219	SF-1	CLO4 TDS	Water	14-may-2007 06:00:00
2705150220	PC-117	CLO4 TDS	Water	14-may-2007 06:00:00
2705150221	PC-118	CLO4 TDS	Water	14-may-2007 06:00:00
2705150222	PC-119	CLO4 TDS	Water	14-may-2007 06:00:00
2705150223	PC-120	CLO4 TDS	Water	14-may-2007 06:00:00
2705150224	PC-121	CLO4 TDS	Water	14-may-2007 06:00:00

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 PO#: Susan Crowley PO  
 Group#: 204530  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2705150225	PC-133	CLO4 TDS	Water	14-may-2007 06:00:00
2705150226	ART-9	CLO4 TDS	Water	14-may-2007 05:30:00

Test Acronym Description

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





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Report  
Comments  
#204530

## 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.

Client Signature: \_\_\_\_\_



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Laboratory  
Hits Report  
#204530

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

Samples Received  
15-may-2007 12:49:53

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2705150206</b>	<b>ART-1</b>				
05/18/07	Perchlorate		127		ug/l	10
05/21/07	Total Dissolved Solid (TDS)		6810	500	mg/l	10
	<b>2705150209</b>	<b>ART-2</b>				
05/18/07	Perchlorate		92500		ug/l	20000
05/21/07	Total Dissolved Solid (TDS)		8850	500	mg/l	10
	<b>2705150210</b>	<b>ART-3</b>				
05/18/07	Perchlorate		335000		ug/l	40000
05/21/07	Total Dissolved Solid (TDS)		7950	500	mg/l	10
	<b>2705150211</b>	<b>ART-4</b>				
05/18/07	Perchlorate		334000		ug/l	40000
05/21/07	Total Dissolved Solid (TDS)		6440	500	mg/l	10
	<b>2705150212</b>	<b>ART-6</b>				
05/18/07	Perchlorate		78800		ug/l	20000
05/21/07	Total Dissolved Solid (TDS)		7370	500	mg/l	10
	<b>2705150213</b>	<b>ART-7</b>				
05/18/07	Perchlorate		138000		ug/l	20000
05/21/07	Total Dissolved Solid (TDS)		8850	500	mg/l	10
	<b>2705150214</b>	<b>ART-8</b>				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory  
Hits Report  
#204530

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

Samples Received  
15-may-2007 12:49:53

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2705150214</b>	<b>ART-8</b>				
05/18/07	Perchlorate		272000		ug/l	40000
05/21/07	Total Dissolved Solid (TDS)		8100	500	mg/l	10
	<b>2705150215</b>	<b>PC-99R2/R3</b>				
05/18/07	Perchlorate		21900		ug/l	2000
05/21/07	Total Dissolved Solid (TDS)		5280	500	mg/l	10
	<b>2705150216</b>	<b>PC-115R</b>				
05/18/07	Perchlorate		18200		ug/l	2000
05/21/07	Total Dissolved Solid (TDS)		5200	500	mg/l	10
	<b>2705150217</b>	<b>PC-116R</b>				
05/18/07	Perchlorate		14900		ug/l	2000
05/21/07	Total Dissolved Solid (TDS)		5110	500	mg/l	10
	<b>2705150218</b>	<b>SEEP SURFACE FLOW</b>				
05/18/07	Perchlorate		558		ug/l	200
05/21/07	Total Dissolved Solid (TDS)		3260	500	mg/l	10
	<b>2705150219</b>	<b>SF-1</b>				
05/21/07	Total Dissolved Solid (TDS)		6650	500	mg/l	10
	<b>2705150220</b>	<b>PC-117</b>				
05/18/07	Perchlorate		4780		ug/l	800

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory  
 Hits Report  
 #204530

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

Samples Received  
 15-may-2007 12:49:53

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705150220	PC-117				
05/21/07	Total Dissolved Solid (TDS)		3860	500	mg/l	10
	2705150221	PC-118				
05/18/07	Perchlorate		11700		ug/l	800
05/21/07	Total Dissolved Solid (TDS)		4580	500	mg/l	10
	2705150222	PC-119				
05/18/07	Perchlorate		8210		ug/l	800
05/21/07	Total Dissolved Solid (TDS)		4150	500	mg/l	10
	2705150223	PC-120				
05/18/07	Perchlorate		2260		ug/l	400
05/21/07	Total Dissolved Solid (TDS)		2960	500	mg/l	10
	2705150224	PC-121				
05/18/07	Perchlorate		1490		ug/l	400
05/21/07	Total Dissolved Solid (TDS)		2500	500	mg/l	10
	2705150225	PC-133				
05/19/07	Perchlorate		6900		ug/l	400
05/21/07	Total Dissolved Solid (TDS)		3970	500	mg/l	10
	2705150226	ART-9				
05/19/07	Perchlorate		330000		ug/l	20000

SUMMARY OF POSITIVE DATA ONLY.



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Susan Crowley  
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Samples Received  
15-may-2007 12:49:53

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705150226	ART-9				
05/21/07	Total Dissolved Solid (TDS)		6550	500	mg/l	10



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Laboratory  
 Data Report  
 #204530

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

Samples Received  
 05/15/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>ART-1 (2705150206)      Sampled on 05/14/07 05:30</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	127	ug/l	10	5
05/21/07	05/21/07 18:00	368212	( SM 2540C	) Total Dissolved Solid (TDS)	6810	mg/l	10	1
<b>ART-2 (2705150209)      Sampled on 05/14/07 05:30</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	92500	ug/l	20000	5000
05/21/07	05/21/07 18:00	368212	( SM 2540C	) Total Dissolved Solid (TDS)	8850	mg/l	10	1
<b>ART-3 (2705150210)      Sampled on 05/14/07 05:30</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	335000	ug/l	40000	10000
05/21/07	05/21/07 18:30	368228	( SM 2540C	) Total Dissolved Solid (TDS)	7950	mg/l	10	1
<b>ART-4 (2705150211)      Sampled on 05/14/07 05:30</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	334000	ug/l	40000	10000
05/21/07	05/21/07 18:30	368228	( SM 2540C	) Total Dissolved Solid (TDS)	6440	mg/l	10	1
<b>ART-6 (2705150212)      Sampled on 05/14/07 05:30</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	78800	ug/l	20000	5000
05/21/07	05/21/07 18:30	368228	( SM 2540C	) Total Dissolved Solid (TDS)	7370	mg/l	10	1
<b>ART-7 (2705150213)      Sampled on 05/14/07 05:30</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	138000	ug/l	20000	5000
05/21/07	05/21/07 18:30	368228	( SM 2540C	) Total Dissolved Solid (TDS)	8850	mg/l	10	1
<b>ART-8 (2705150214)      Sampled on 05/14/07 05:30</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	272000	ug/l	40000	10000
05/21/07	05/21/07 18:30	368228	( SM 2540C	) Total Dissolved Solid (TDS)	8100	mg/l	10	1



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Laboratory  
 Data Report  
 #204530

Tronox LLC - Henderson  
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>PC-99R2/R3 (2705150215)                    Sampled on 05/14/07 06:00</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	21900	ug/l	2000	500
05/21/07	05/21/07 18:30	368228	( SM 2540C	) Total Dissolved Solid (TDS)	5280	mg/l	10	1
<b>PC-115R (2705150216)                    Sampled on 05/14/07 06:00</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	18200	ug/l	2000	500
05/21/07	05/21/07 18:30	368228	( SM 2540C	) Total Dissolved Solid (TDS)	5200	mg/l	10	1
<b>PC-116R (2705150217)                    Sampled on 05/14/07 06:00</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	14900	ug/l	2000	500
05/21/07	05/21/07 18:30	368228	( SM 2540C	) Total Dissolved Solid (TDS)	5110	mg/l	10	1
<b>SEEP SURFACE FLOW (2705150218)                    Sampled on 05/14/07 06:00</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	558	ug/l	200	50
05/21/07	05/21/07 18:30	368228	( SM 2540C	) Total Dissolved Solid (TDS)	3260	mg/l	10	1
<b>SF-1 (2705150219)                    Sampled on 05/14/07 06:00</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	ND	ug/l	10	5
05/21/07	05/21/07 18:30	368228	( SM 2540C	) Total Dissolved Solid (TDS)	6650	mg/l	10	1
<b>PC-117 (2705150220)                    Sampled on 05/14/07 06:00</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	4780	ug/l	800	200
05/21/07	05/21/07 18:30	368228	( SM 2540C	) Total Dissolved Solid (TDS)	3860	mg/l	10	1
<b>PC-118 (2705150221)                    Sampled on 05/14/07 06:00</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	11700	ug/l	800	200
05/21/07	05/21/07 18:30	368228	( SM 2540C	) Total Dissolved Solid (TDS)	4580	mg/l	10	1
<b>PC-119 (2705150222)                    Sampled on 05/14/07 06:00</b>								
	05/18/07 00:00	367476	( EPA 314	) Perchlorate	8210	ug/l	800	200
05/21/07	05/21/07 18:30	368228	( SM 2540C	) Total Dissolved Solid (TDS)	4150	mg/l	10	1



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Laboratory  
Data Report  
#204530

Tronox LLC - Henderson  
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>PC-120 (2705150223)                    Sampled on 05/14/07 06:00</b>								
	05/18/07 00:00	367476	( EPA 314 )	Perchlorate	2260	ug/l	400	100
05/21/07	05/21/07 18:30	368228	( SM 2540C )	Total Dissolved Solid (TDS)	2960	mg/l	10	1
<b>PC-121 (2705150224)                    Sampled on 05/14/07 06:00</b>								
	05/18/07 00:00	367476	( EPA 314 )	Perchlorate	1490	ug/l	400	100
05/21/07	05/21/07 18:30	368228	( SM 2540C )	Total Dissolved Solid (TDS)	2500	mg/l	10	1
<b>PC-133 (2705150225)                    Sampled on 05/14/07 06:00</b>								
	05/19/07 00:00	367717	( EPA 314 )	Perchlorate	6900	ug/l	400	100
05/21/07	05/21/07 18:30	368228	( SM 2540C )	Total Dissolved Solid (TDS)	3970	mg/l	10	1
<b>ART-9 (2705150226)                    Sampled on 05/14/07 05:30</b>								
	05/19/07 00:00	367717	( EPA 314 )	Perchlorate	330000	ug/l	20000	5000
05/21/07	05/21/07 18:30	368228	( SM 2540C )	Total Dissolved Solid (TDS)	6550	mg/l	10	1





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QC Summary  
#204530

Tronox LLC - Henderson

## QC Ref #367476 - Perchlorate

Analysis Date: 05/18/2007

2705150206	ART-1	Analyzed by: raja
2705150209	ART-2	Analyzed by: raja
2705150210	ART-3	Analyzed by: raja
2705150211	ART-4	Analyzed by: raja
2705150212	ART-6	Analyzed by: raja
2705150213	ART-7	Analyzed by: raja
2705150214	ART-8	Analyzed by: raja
2705150215	PC-99R2/R3	Analyzed by: raja
2705150216	PC-115R	Analyzed by: raja
2705150217	PC-116R	Analyzed by: raja
2705150218	SEEP SURFACE FLOW	Analyzed by: raja
2705150219	SF-1	Analyzed by: raja
2705150220	PC-117	Analyzed by: raja
2705150221	PC-118	Analyzed by: raja
2705150222	PC-119	Analyzed by: raja
2705150223	PC-120	Analyzed by: raja
2705150224	PC-121	Analyzed by: raja

## QC Ref #367717 - Perchlorate

Analysis Date: 05/19/2007

2705150225	PC-133	Analyzed by: raja
2705150226	ART-9	Analyzed by: raja

## QC Ref #368212 - Total Dissolved Solid (TDS)

Analysis Date: 05/21/2007

2705150206	ART-1	Analyzed by: maria
2705150209	ART-2	Analyzed by: maria

## QC Ref #368228 - Total Dissolved Solid (TDS)

Analysis Date: 05/21/2007

2705150210	ART-3	Analyzed by: maria
2705150211	ART-4	Analyzed by: maria
2705150212	ART-6	Analyzed by: maria
2705150213	ART-7	Analyzed by: maria
2705150214	ART-8	Analyzed by: maria
2705150215	PC-99R2/R3	Analyzed by: maria
2705150216	PC-115R	Analyzed by: maria
2705150217	PC-116R	Analyzed by: maria
2705150218	SEEP SURFACE FLOW	Analyzed by: maria
2705150219	SF-1	Analyzed by: maria



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QC Summary  
#204530

Tronox LLC - Henderson  
(continued)

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2705150220	PC-117	Analyzed by: maria
2705150221	PC-118	Analyzed by: maria
2705150222	PC-119	Analyzed by: maria
2705150223	PC-120	Analyzed by: maria
2705150224	PC-121	Analyzed by: maria
2705150225	PC-133	Analyzed by: maria
2705150226	ART-9	Analyzed by: maria



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Tronox LLC - Henderson

**QC Ref #367476      Perchlorate**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05150229	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	25.2	UGL	100.8	( 85-115 )	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	( 85-115 )	
LCS3	Perchlorate	4	3.79	UGL	94.8	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.6	UGL	90.4	( 80-120 )	
MSD	Perchlorate	25.0	22.9	UGL	91.6	( 80-120 )	
RPD_LCS	Perchlorate	100.800	101.200	UGL	0.4	( 0-15 )	
RPD_MS	Perchlorate	90.400	91.600	UGL	1.0	( 0-15 )	

**QC Ref #367717      Perchlorate**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05170285	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	24.9	UGL	99.6	( 85-115 )	
LCS2	Perchlorate	25.0	25.7	UGL	102.8	( 85-115 )	
LCS3	Perchlorate	4	3.85	UGL	96.2	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.3	UGL	97.2	( 80-120 )	
MSD	Perchlorate	25.0	24.9	UGL	99.6	( 80-120 )	
RPD_LCS	Perchlorate	99.600	102.800	UGL	3.2	( 0-15 )	
RPD_MS	Perchlorate	97.200	99.600	UGL	1.0	( 0-15 )	

**QC Ref #368212      Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05140138	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	528	536	MGL		( 0-10 )	1.5
LCS1	Total Dissolved Solid (TDS)	175	170	MGL	97.1	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	666	MGL	95.1	( 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	12	MGL	120.0	( 50-150 )
RPD_LCS	Total Dissolved Solid (TDS)	97.143	95.143	MGL	2.1	( 0-20 )

## QC Ref #368228 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05150210	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	7950	8400	MGL		( 0-10 )	5.5
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	672	MGL	96.0	( 80-114 )	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	13	MGL	130.0	( 50-150 )	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	96.000	MGL	2.4	( 0-20 )	

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.