



# MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100  
Monrovia, California 91016-3829  
Tel: 626 386 1100  
Fax: 626 386 1101  
1 800 566 LABS (1 800 566 5227)

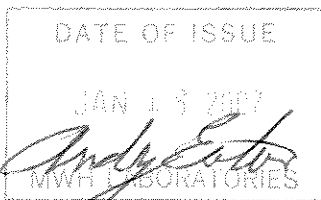
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton  
Project Manager



Report#: 192344  
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

192344

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

M/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: OS

SAMPLE TEMP, RECEIPT AT LAB: 2

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		<input checked="" type="checkbox"/> (check for yes)	
KERRMCGEE-MP Michele Brown Susan Crowley (702) 651-2200		Tronox LLC - Henderson Plant PO Box 55 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	1/2/07		ART-1	RSW	X		S60 - 12373 & 18767
0530	1/2/07		ART-2	RSW	X		
0530	1/2/07		ART-3	RSW	X		
0530	1/2/07		ART-4	RSW	X		
0530	1/2/07		ART-5	RSW	X		
0530	1/2/07		ART-6	RSW	X		
0530	1/2/07		ART-7	RSW	X		
0530	1/2/07		ART-8	RSW	X		
0600	1/2/07		PC-99R2/R3	RSW	X		
0600	1/2/07		PC-115R	RSW	X		
0600	1/2/07		PC-116R	RSW	X		
0600	1/2/07		Seep Surface Flow	RSW	X		

\* MATRIX TYPES:

Reported by Volume:  
CFW = Chlor(am)inated Finished Water  
FW = Other Finished Water

Reported by Weight:  
CWW = Chlorinated Waste Water  
WW = Other Waste Water  
SW = Storm Water

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY: <u>Michele Brown</u>	COMPANY/TITLE: Veolia Water for Tronox LLC - Henderson Plant	DATE: 1/2/2007	TIME: 1200pm
RECEIVED BY: <u>Joe Sanchez</u>	PRINT NAME: Michele Brown	DATE: 1-2-07	TIME: 10:20
RELINQUISHED BY:	COMPANY/TITLE:	DATE:	TIME:
RECEIVED BY:	COMPANY/TITLE:	DATE:	TIME:





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# 33598 12373 RS

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

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  
PO Box 55  
Henderson, NV 89009

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

Created by  
Order Date  
12/11/06  
Date Needed  
by Client

Date Samples  
to Arrive at MWL  
SHIP LOCATION

ATTN: Susan Crowley  
PHONE: 702-651-2234

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

**Quote#**

# 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: 142381

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>1/2/07</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 <b>TRONOX LLC</b>		
N/A/R		CUSTOMER PO OR REQ'N NO.		CODE NO. WCN IS <b>1321.10400</b> If it moves between
		SHIPPED FROM <b>Henderson, NV 89015</b>		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 PC, ART Well Samples Not Regulated</b>		<b>1 COOLER</b>	
	<b>1 cooler @ 41 lbs</b>		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. <b>TRONOX LLC</b>	
				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	
		<b>0</b>		
<b>1</b>	TOTAL GROSS WEIGHT <b>41</b>	TOTAL TARE WEIGHT <b>0</b>	<b>41</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 268857, Oklahoma City, OK 73126-8857		PER <b>Chuck Whitney</b>	AGENT	PER

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



CLS 100 366/19/23

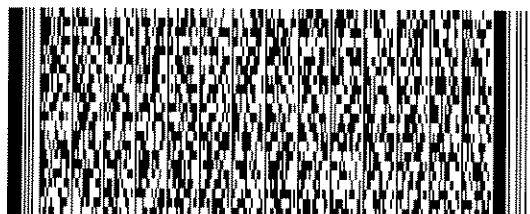
Ship Date: 02JAN07  
ActWgt: 41 LB  
System#: 2274147/INET2500  
Account#: S \*\*\*\*\*

REF: MSO #142381



Delivery Address Bar Code

SHIP TO: (626)568-6400 **BILL SENDER**  
**ATTN: MONTGOMERY LABS RECEIVING**  
**MONTGOMERY WATSON LABS**  
**750 ROYAL OAKS AVENUE**  
**#100**  
**MONROVIA, CA 91016**



**PRIORITY OVERNIGHT**

**WED**

TRK# 7906 4139 2573

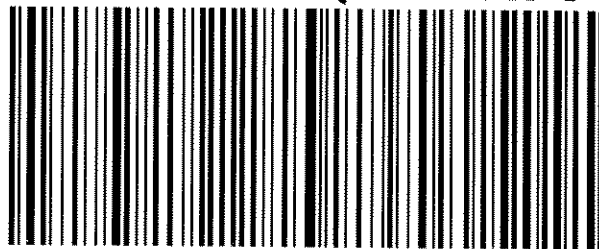
FORM 0201

Deliver By:  
03JAN07

**BUR A2**

91016 -CA-US

**QZ WHPA**



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#: 192344  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on **01/03/07**. 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
2701030174	ART-1	CLO4 TDS	Water	02-jan-2007 05:30:00
2701030175	ART-2	CLO4 TDS	Water	02-jan-2007 05:30:00
2701030176	ART-3	CLO4 TDS	Water	02-jan-2007 05:30:00
2701030177	ART-4	CLO4 TDS	Water	02-jan-2007 05:30:00
2701030178	ART-5	CLO4 TDS	Water	02-jan-2007 05:30:00
2701030179	ART-6	CLO4 TDS	Water	02-jan-2007 05:30:00
2701030180	ART-7	CLO4 TDS	Water	02-jan-2007 05:30:00
2701030181	ART-8	CLO4 TDS	Water	02-jan-2007 05:30:00
2701030182	PC-99R2/R3	CLO4 TDS	Water	02-jan-2007 06:00:00
2701030183	PC-115R	CLO4 TDS	Water	02-jan-2007 06:00:00
2701030184	PC-116R	CLO4 TDS	Water	02-jan-2007 06:00:00
2701030185	SEEP SURFACE FLOW	CLO4 TDS	Water	02-jan-2007 06:00:00
2701030186	SF-1	CLO4 TDS	Water	02-jan-2007 06:00:00
2701030187	PC-117	CLO4 TDS	Water	02-jan-2007 06:00:00
2701030188	PC-118	CLO4 TDS	Water	02-jan-2007 06:00:00
2701030189	PC-119	CLO4 TDS	Water	02-jan-2007 06:00:00
2701030190	PC-120	CLO4 TDS	Water	02-jan-2007 06:00:00

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 Group#: 192344  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2701030191	PC-121	CLO4 TDS	Water	02-jan-2007 06:00:00
2701030192	PC-133	CLO4 TDS	Water	02-jan-2007 06:00:00
2701030193	ART-9	CLO4 TDS	Water	02-jan-2007 05:30:00

Test Acronym Description

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





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---

Report  
Comments  
#192344

**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  
 #192344

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

Samples Received  
 03-jan-2007 14:03:29

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701030174	ART-1				
01/10/07	Perchlorate		241000		ug/l	20000
01/06/07	Total Dissolved Solid (TDS)		7800	500	mg/l	10
	2701030175	ART-2				
01/04/07	Perchlorate		117000		ug/l	20000
01/06/07	Total Dissolved Solid (TDS)		8230	500	mg/l	10
	2701030176	ART-3				
01/04/07	Perchlorate		380000		ug/l	40000
01/06/07	Total Dissolved Solid (TDS)		7330	500	mg/l	10
	2701030177	ART-4				
01/10/07	Perchlorate		401000		ug/l	40000
01/06/07	Total Dissolved Solid (TDS)		5950	500	mg/l	10
	2701030178	ART-5				
01/10/07	Perchlorate		99800		ug/l	20000
01/06/07	Total Dissolved Solid (TDS)		7330	500	mg/l	10
	2701030179	ART-6				
01/10/07	Perchlorate		94500		ug/l	20000
01/06/07	Total Dissolved Solid (TDS)		7120	500	mg/l	10
	2701030180	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory  
Hits Report  
#192344

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

Samples Received  
03-jan-2007 14:03:29

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701030180	ART-7				
01/10/07	Perchlorate		151000		ug/l	20000
01/06/07	Total Dissolved Solid (TDS)		9000	500	mg/l	10
	2701030181	ART-8				
01/10/07	Perchlorate		324000		ug/l	40000
01/06/07	Total Dissolved Solid (TDS)		8970	500	mg/l	10
	2701030182	PC-99R2/R3				
01/10/07	Perchlorate		15100		ug/l	2000
01/06/07	Total Dissolved Solid (TDS)		4120	500	mg/l	10
	2701030183	PC-115R				
01/10/07	Perchlorate		24900		ug/l	2000
01/06/07	Total Dissolved Solid (TDS)		4040	500	mg/l	10
	2701030184	PC-116R				
01/10/07	Perchlorate		13600		ug/l	2000
01/06/07	Total Dissolved Solid (TDS)		4860	500	mg/l	10
	2701030185	SEEP SURFACE FLOW				
01/10/07	Perchlorate		4420		ug/l	400
01/06/07	Total Dissolved Solid (TDS)		3500	500	mg/l	10
	2701030186	SF-1				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory  
Hits Report  
#192344

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

Samples Received  
03-jan-2007 14:03:29

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701030186	SF-1				
01/06/07	Total Dissolved Solid (TDS)		6290	500	mg/l	10
	2701030187	PC-117				
01/10/07	Perchlorate		8780		ug/l	2000
01/06/07	Total Dissolved Solid (TDS)		4470	500	mg/l	10
	2701030188	PC-118				
01/10/07	Perchlorate		14800		ug/l	2000
01/06/07	Total Dissolved Solid (TDS)		4430	500	mg/l	10
	2701030189	PC-119				
01/10/07	Perchlorate		10900		ug/l	2000
01/06/07	Total Dissolved Solid (TDS)		4170	500	mg/l	10
	2701030190	PC-120				
01/10/07	Perchlorate		6290		ug/l	400
01/06/07	Total Dissolved Solid (TDS)		3600	500	mg/l	10
	2701030191	PC-121				
01/10/07	Perchlorate		3150		ug/l	400
01/06/07	Total Dissolved Solid (TDS)		2980	500	mg/l	10
	2701030192	PC-133				
01/10/07	Perchlorate		9300		ug/l	400

SUMMARY OF POSITIVE DATA ONLY.



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Susan Crowley  
PO Box 55  
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Samples Received  
03-jan-2007 14:03:29

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701030192	PC-133				
01/06/07	Total Dissolved Solid (TDS)		4140	500	mg/l	10
	2701030193	ART-9				
01/10/07	Perchlorate		342000		ug/l	20000
01/06/07	Total Dissolved Solid (TDS)		7600	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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 Data Report  
 #192344

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

Samples Received  
 01/03/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>ART-1 (2701030174)      Sampled on 01/02/07 05:30</b>								
	01/10/07 00:00	347869	( EPA 314	) Perchlorate	241000	ug/l	20000	5000
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	7800	mg/l	10	1
<b>ART-2 (2701030175)      Sampled on 01/02/07 05:30</b>								
	01/04/07 00:00	347111	( EPA 314	) Perchlorate	117000	ug/l	20000	5000
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	8230	mg/l	10	1
<b>ART-3 (2701030176)      Sampled on 01/02/07 05:30</b>								
	01/04/07 00:00	347111	( EPA 314	) Perchlorate	380000	ug/l	40000	10000
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	7330	mg/l	10	1
<b>ART-4 (2701030177)      Sampled on 01/02/07 05:30</b>								
	01/10/07 00:00	347869	( EPA 314	) Perchlorate	401000	ug/l	40000	10000
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	5950	mg/l	10	1
<b>ART-5 (2701030178)      Sampled on 01/02/07 05:30</b>								
	01/10/07 00:00	347869	( EPA 314	) Perchlorate	99800	ug/l	20000	5000
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	7330	mg/l	10	1
<b>ART-6 (2701030179)      Sampled on 01/02/07 05:30</b>								
	01/10/07 00:00	347869	( EPA 314	) Perchlorate	94500	ug/l	20000	5000
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	7120	mg/l	10	1
<b>ART-7 (2701030180)      Sampled on 01/02/07 05:30</b>								
	01/10/07 00:00	347869	( EPA 314	) Perchlorate	151000	ug/l	20000	5000
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	9000	mg/l	10	1



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Laboratory  
 Data Report  
 #192344

Tronox LLC - Henderson  
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>ART-8 (2701030181)                    Sampled on 01/02/07 05:30</b>								
	01/10/07 00:00	347869	( EPA 314	) Perchlorate	324000	ug/l	40000	10000
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	8970	mg/l	10	1
<b>PC-99R2/R3 (2701030182)                    Sampled on 01/02/07 06:00</b>								
	01/10/07 00:00	347869	( EPA 314	) Perchlorate	15100	ug/l	2000	500
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	4120	mg/l	10	1
<b>PC-115R (2701030183)                    Sampled on 01/02/07 06:00</b>								
	01/10/07 00:00	347869	( EPA 314	) Perchlorate	24900	ug/l	2000	500
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	4040	mg/l	10	1
<b>PC-116R (2701030184)                    Sampled on 01/02/07 06:00</b>								
	01/10/07 00:00	347869	( EPA 314	) Perchlorate	13600	ug/l	2000	500
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	4860	mg/l	10	1
<b>SEEP SURFACE FLOW (2701030185)                    Sampled on 01/02/07 06:00</b>								
	01/10/07 00:00	347869	( EPA 314	) Perchlorate	4420	ug/l	400	100
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	3500	mg/l	10	1
<b>SF-1 (2701030186)                    Sampled on 01/02/07 06:00</b>								
	01/10/07 00:00	347869	( EPA 314	) Perchlorate	ND	ug/l	10	5
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	6290	mg/l	10	1
<b>PC-117 (2701030187)                    Sampled on 01/02/07 06:00</b>								
	01/10/07 00:00	347869	( EPA 314	) Perchlorate	8780	ug/l	2000	500
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	4470	mg/l	10	1
<b>PC-118 (2701030188)                    Sampled on 01/02/07 06:00</b>								
	01/10/07 00:00	347869	( EPA 314	) Perchlorate	14800	ug/l	2000	500
01/06/07	01/06/07 16:09	347511	( SM 2540C	) Total Dissolved Solid (TDS)	4430	mg/l	10	1



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Laboratory  
Data Report  
#192344

Tronox LLC - Henderson  
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>PC-119 (2701030189)</b>				<b>Sampled on 01/02/07 06:00</b>				
	01/10/07 00:00	347869	( EPA 314 )	Perchlorate	10900	ug/l	2000	500
01/06/07	01/06/07 16:46	347512	( SM 2540C )	Total Dissolved Solid (TDS)	4170	mg/l	10	1
<b>PC-120 (2701030190)</b>				<b>Sampled on 01/02/07 06:00</b>				
	01/10/07 00:00	347869	( EPA 314 )	Perchlorate	6290	ug/l	400	100
01/06/07	01/06/07 16:46	347512	( SM 2540C )	Total Dissolved Solid (TDS)	3600	mg/l	10	1
<b>PC-121 (2701030191)</b>				<b>Sampled on 01/02/07 06:00</b>				
	01/10/07 00:00	347869	( EPA 314 )	Perchlorate	3150	ug/l	400	100
01/06/07	01/06/07 16:46	347512	( SM 2540C )	Total Dissolved Solid (TDS)	2980	mg/l	10	1
<b>PC-133 (2701030192)</b>				<b>Sampled on 01/02/07 06:00</b>				
	01/10/07 00:01	347885	( EPA 314 )	Perchlorate	9300	ug/l	400	100
01/06/07	01/06/07 16:46	347512	( SM 2540C )	Total Dissolved Solid (TDS)	4140	mg/l	10	1
<b>ART-9 (2701030193)</b>				<b>Sampled on 01/02/07 05:30</b>				
	01/10/07 00:01	347885	( EPA 314 )	Perchlorate	342000	ug/l	20000	5000
01/06/07	01/06/07 16:09	347511	( SM 2540C )	Total Dissolved Solid (TDS)	7600	mg/l	10	1





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Laboratory  
QC Summary  
#192344

Tronox LLC - Henderson

**QC Ref #347111 - Perchlorate**

**Analysis Date: 01/04/2007**

2701030175	ART-2	Analyzed by: raja
2701030176	ART-3	Analyzed by: raja

**QC Ref #347511 - Total Dissolved Solid (TDS)**

**Analysis Date: 01/06/2007**

2701030174	ART-1	Analyzed by: anh
2701030175	ART-2	Analyzed by: anh
2701030176	ART-3	Analyzed by: anh
2701030177	ART-4	Analyzed by: anh
2701030178	ART-5	Analyzed by: anh
2701030179	ART-6	Analyzed by: anh
2701030180	ART-7	Analyzed by: anh
2701030181	ART-8	Analyzed by: anh
2701030182	PC-99R2/R3	Analyzed by: anh
2701030183	PC-115R	Analyzed by: anh
2701030184	PC-116R	Analyzed by: anh
2701030185	SEEP SURFACE FLOW	Analyzed by: anh
2701030186	SF-1	Analyzed by: anh
2701030187	PC-117	Analyzed by: anh
2701030188	PC-118	Analyzed by: anh
2701030193	ART-9	Analyzed by: anh

**QC Ref #347512 - Total Dissolved Solid (TDS)**

**Analysis Date: 01/06/2007**

2701030189	PC-119	Analyzed by: anh
2701030190	PC-120	Analyzed by: anh
2701030191	PC-121	Analyzed by: anh
2701030192	PC-133	Analyzed by: anh

**QC Ref #347869 - Perchlorate**

**Analysis Date: 01/10/2007**

2701030174	ART-1	Analyzed by: raja
2701030177	ART-4	Analyzed by: raja
2701030178	ART-5	Analyzed by: raja
2701030179	ART-6	Analyzed by: raja
2701030180	ART-7	Analyzed by: raja
2701030181	ART-8	Analyzed by: raja
2701030182	PC-99R2/R3	Analyzed by: raja
2701030183	PC-115R	Analyzed by: raja
2701030184	PC-116R	Analyzed by: raja



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Laboratory  
QC Summary  
#192344

Tronox LLC - Henderson  
(continued)

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2701030185	SEEP SURFACE FLOW	Analyzed by: raja
2701030186	SF-1	Analyzed by: raja
2701030187	PC-117	Analyzed by: raja
2701030188	PC-118	Analyzed by: raja
2701030189	PC-119	Analyzed by: raja
2701030190	PC-120	Analyzed by: raja
2701030191	PC-121	Analyzed by: raja

QC Ref #347885 - Perchlorate

Analysis Date: 01/10/2007

2701030192	PC-133	Analyzed by: raja
2701030193	ART-9	Analyzed by: raja



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Laboratory  
QC Report  
#192344

Tronox LLC - Henderson

## QC Ref #347111

## Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	01030176	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	23.6	UGL	94.4	( 85-115 )	
LCS2	Perchlorate	25.0	24.0	UGL	96.0	( 85-115 )	
LCS3	Perchlorate	4	3.53	UGL	88.2	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.1	UGL	88.4	( 70-130 )	
MSD	Perchlorate	25.0	21.0	UGL	84.0	( 70-130 )	
RPD_LCS	Perchlorate	94.400	96.000	UGL	1.7	( 0-20 )	
RPD_MS	Perchlorate	88.400	84.000	UGL	5.1	( 0-20 )	

## QC Ref #347511

## Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	01030441	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	488	482	MGL		( 0-10 )	1.2
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	( 85-115 )	
LCS2	Total Dissolved Solid (TDS)	700	672	MGL	96.0	( 85-115 )	
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)	94.857	96.000	MGL	1.2	( 0-20 )	

## QC Ref #347512

## Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	01030189	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	4170	4200	MGL		( 0-10 )	0.7
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	( 85-115 )	
LCS2	Total Dissolved Solid (TDS)	700	668	MGL	95.4	( 85-115 )	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	( 50-150 )	
RPD_LCS	Total Dissolved Solid (TDS)	98.286	95.429	MGL	2.9	( 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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Tronox LLC - Henderson  
(continued)

QC Ref #347869

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	01040311	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	26.0	UGL	104.0	( 85-115 )	
LCS2	Perchlorate	25.0	24.8	UGL	99.2	( 85-115 )	
LCS3	Perchlorate	4	4.54	UGL	113.5	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.4	UGL	89.6	( 70-130 )	
MSD	Perchlorate	25.0	23.6	UGL	94.4	( 70-130 )	
RPD_LCS	Perchlorate	104.000	99.200	UGL	4.7	( 0-20 )	
RPD_MS	Perchlorate	89.600	94.400	UGL	5.2	( 0-20 )	

QC Ref #347885

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	01030212	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	26.7	UGL	106.8	( 85-115 )	
LCS2	Perchlorate	25.0	27.0	UGL	108.0	( 85-115 )	
LCS3	Perchlorate	4	4.15	UGL	103.8	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.0	UGL	96.0	( 70-130 )	
MSD	Perchlorate	25.0	25.6	UGL	102.4	( 70-130 )	
RPD_LCS	Perchlorate	106.800	108.000	UGL	1.1	( 0-20 )	
RPD_MS	Perchlorate	96.000	102.400	UGL	6.5	( 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.