



# 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)

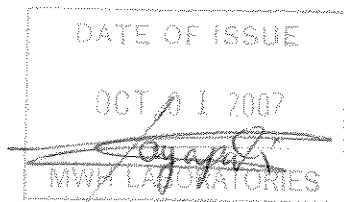
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton  
Project Manager



Report#: 216598  
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].



2/65798

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		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		SAMPLER COMMENTS	
KERRMCGEE-MP Sampler Michele Brown Susan Crowley (702) 651-2200		Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009		Collection Wells Fields - Weekly - SO #12373		Collection Wells Fields - Weekly - SO #12373			(check for yes)
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CO4	TDS	CR
0530	9/17/07		ART-1	RSW	X		X	X	
0530	9/17/07		ART-2	RSW	X		X	X	
0530	9/17/07		ART-3	RSW	X		X	X	
0530	9/17/07		ART-4	RSW	X		X	X	
0530	9/17/07		ART-5	RSW	X		X	X	
0530	9/17/07		ART-6	RSW	X		X	X	
0530	9/17/07		ART-7	RSW	X		X	X	
0530	9/17/07		ART-8	RSW	X		X	X	
0600	9/17/07		PC-99R2/R3	RSW	X		X	X	
0600	9/17/07		PC-115R	RSW	X		X	X	
0600	9/17/07		PC-116R	RSW	X		X	X	
0600	9/17/07		Seep Surface Flow	RSW	X		X	X	

Reported by Weight:

SO = Soil  
SL = Sludge

Reported by Volume:

CFW = Chloraminated Finished Water  
FW = Other Finished Water

Reported by Weight:

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

RELINQUISHED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY:	<i>Michele Brown</i>	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	9/17/2007	1200pm
RELINQUISHED BY:	<i>Joe Sanchez</i>	JOE SANCHEZ	MWR	9/18/07	9:30
RECEIVED BY:					

SCANNED



# 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: 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		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)										SAMPLER COMMENTS									
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Total Cl <sub>2</sub>	TDS	CR												
6:00	9/17/07		SF-1	RSW	X		X	X													
6:00	9/17/07		PC-117	RSW	X		X	X													
6:00	9/17/07		PC-118	RSW	X		X	X													
6:00	9/17/07		PC-119	RSW	X		X	X													
6:00	9/17/07		PC-120	RSW	X		X	X													
6:00	9/17/07		PC-121	RSW	X		X	X													
6:00	9/17/07		PC-133	RSW	X		X	X													
5:30	9/17/07		ART-9	RSW	X		X	X													

Reported by Weight:  
 SO = Soil  
 SL = Sludge

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

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

RGW = Raw Ground Water  
 RSW = Raw Surface Water

RELINQUISHED BY: *Michele Brown* SIGNATURE: \_\_\_\_\_ PRINT NAME: Michele Brown

RECEIVED BY: *Joe Sanchez* SIGNATURE: \_\_\_\_\_ PRINT NAME: Joe Sanchez

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

DATE: 9/17/2007 TIME: 1200pm

RECEIVED BY: \_\_\_\_\_



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

**Bottle Order for Ironox, LLC- Henderson Standing**

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

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

W Weekly  
 Week 1

**SO# 37800** 12373 RS **Sampler: Please Return this Paper with your samples**

Created by GJY  
 Order Date 08/13/07  
 Date Needed by Client  
 Veolia Water-Ironox 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

ATTN: Susan Crowley  
 PHONE: 702-651-2234

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

**Quote#**

GJY

**# 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: 142771

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 <b>Federal Express</b>		Date <b>09/17/07</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  CODE NO. WCN IS <b>1321.10400</b>	
N/A/R	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM <b>Henderson, NV</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 @ 34 lbs each</b>		<b>1 COOLER</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
		0	
1	TOTAL GROSS WEIGHT 34	TOTAL TARE WEIGHT 0	34
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>Chuck Whitney</b>	AGENT	PER

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



CL50529072123

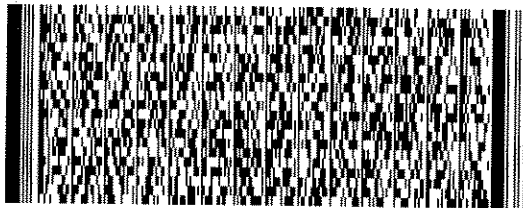
Ship Date: 17SEP07  
ActWgt: 34 LB  
System#: 2274147/INET7061  
Account#: S \*\*\*\*\*

Delivery Address Bar Code



Ref # MSO #142771  
Invoice #  
PO #  
Dept #

SHIP TO: (626)568-6400 **BILL SENDER**  
**ATTN: SAMPLE RECEIVING**  
**MONTGOMERY WATSON LABS**  
**750 ROYAL OAKS DR # 100**  
  
**MONROVIA, CA 910163629**

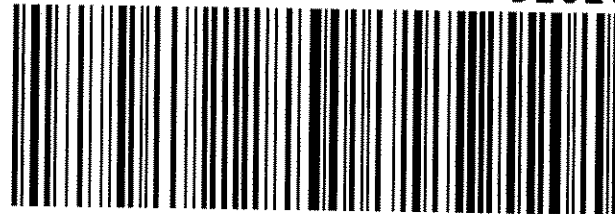


TRK# 7925 6314 0748  
0201

**TUE - 18SEP A2**  
**PRIORITY OVERNIGHT**

**QZ-WHPA**

**BUR**  
**CA-US**  
**91016**



SCANNED

Shipping Label: Your shipment is complete

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

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

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

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP  
 PO#: Susan Crowley PO  
 Group#: 216598  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

SCANNED

The following samples were received from you on **09/18/07**. 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
2709180120	ART-1	CLO4 TDS	Water	17-sep-2007 05:30:00
2709180125	ART-2	CLO4 TDS	Water	17-sep-2007 05:30:00
2709180126	ART-3	CLO4 TDS	Water	17-sep-2007 05:30:00
2709180127	ART-4	CLO4 TDS	Water	17-sep-2007 05:30:00
2709180128	ART-6	CLO4 TDS	Water	17-sep-2007 05:30:00
2709180129	ART-7	CLO4 TDS	Water	17-sep-2007 05:30:00
2709180130	ART-8	CLO4 TDS	Water	17-sep-2007 05:30:00
2709180131	PC-99R2/R3	CLO4 TDS	Water	17-sep-2007 06:00:00
2709180132	PC-115R	CLO4 TDS	Water	17-sep-2007 06:00:00
2709180133	PC-116R	CLO4 TDS	Water	17-sep-2007 06:00:00
2709180134	SF-1	CLO4 TDS	Water	17-sep-2007 06:00:00
2709180135	PC-117	CLO4 TDS	Water	17-sep-2007 06:00:00
2709180136	PC-118	CLO4 TDS	Water	17-sep-2007 06:00:00
2709180137	PC-119	CLO4 TDS	Water	17-sep-2007 06:00:00
2709180138	PC-120	CLO4 TDS	Water	17-sep-2007 06:00:00
2709180139	PC-121	CLO4 TDS	Water	17-sep-2007 06:00:00
2709180140	PC-133	CLO4 TDS	Water	17-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#: 216598  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2709180141	ART-9	CLO4 TDS	Water	17-sep-2007 05:30:00

Test Acronym Description

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





**MWH Laboratories**  
A Division of MWH Americas, Inc.

750 Royal Oaks Drive  
Suite 100  
Monrovia, California 91016-3629  
Tel: 626 568 6400  
Fax: 626 568 6304  
1 800 566 LABS (1 800 566 5227)

Report  
Comments  
#216598

**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: \_\_\_\_\_



**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  
Hits Report  
#216598

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

Samples Received  
18-sep-2007 12:20:57

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2709180120	ART-1				
09/18/07	Perchlorate		112		ug/l	20
09/21/07	Total Dissolved Solid (TDS)		6770	500	mg/l	10
	2709180125	ART-2				
09/18/07	Perchlorate		79700		ug/l	10000
09/21/07	Total Dissolved Solid (TDS)		9200	500	mg/l	10
	2709180126	ART-3				
09/18/07	Perchlorate		337000		ug/l	40000
09/21/07	Total Dissolved Solid (TDS)		8180	500	mg/l	10
	2709180127	ART-4				
09/18/07	Perchlorate		304000		ug/l	40000
09/21/07	Total Dissolved Solid (TDS)		6180	500	mg/l	10
	2709180128	ART-6				
09/18/07	Perchlorate		86000		ug/l	10000
09/21/07	Total Dissolved Solid (TDS)		7390	500	mg/l	10
	2709180129	ART-7				
09/18/07	Perchlorate		134000		ug/l	20000
09/21/07	Total Dissolved Solid (TDS)		9640	500	mg/l	10
	2709180130	ART-8				

SUMMARY OF POSITIVE DATA ONLY.



**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  
Hits Report  
#216598

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

Samples Received  
18-sep-2007 12:20:57

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2709180130</b>	<b>ART-8</b>				
09/18/07	Perchlorate		244000		ug/l	40000
09/21/07	Total Dissolved Solid (TDS)		9500	500	mg/l	10
	<b>2709180131</b>	<b>PC-99R2/R3</b>				
09/18/07	Perchlorate		11500		ug/l	2000
09/21/07	Total Dissolved Solid (TDS)		3920	500	mg/l	10
	<b>2709180132</b>	<b>PC-115R</b>				
09/18/07	Perchlorate		11800		ug/l	2000
09/21/07	Total Dissolved Solid (TDS)		3990	500	mg/l	10
	<b>2709180133</b>	<b>PC-116R</b>				
09/18/07	Perchlorate		7250		ug/l	2000
09/21/07	Total Dissolved Solid (TDS)		3750	500	mg/l	10
	<b>2709180134</b>	<b>SF-1</b>				
09/21/07	Total Dissolved Solid (TDS)		6030	500	mg/l	10
	<b>2709180135</b>	<b>PC-117</b>				
09/19/07	Perchlorate		2420		ug/l	400
09/21/07	Total Dissolved Solid (TDS)		3090	500	mg/l	10
	<b>2709180136</b>	<b>PC-118</b>				
09/19/07	Perchlorate		8790		ug/l	800

SUMMARY OF POSITIVE DATA ONLY.



# 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  
Hits Report  
#216598

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

Samples Received  
18-sep-2007 12:20:57

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2709180136	PC-118				
09/21/07	Total Dissolved Solid (TDS)		3830	500	mg/l	10
	2709180137	PC-119				
09/19/07	Perchlorate		3900		ug/l	400
09/21/07	Total Dissolved Solid (TDS)		3230	500	mg/l	10
	2709180138	PC-120				
09/19/07	Perchlorate		1610		ug/l	400
09/21/07	Total Dissolved Solid (TDS)		2680	500	mg/l	10
	2709180139	PC-121				
09/19/07	Perchlorate		1370		ug/l	400
09/21/07	Total Dissolved Solid (TDS)		2650	500	mg/l	10
	2709180140	PC-133				
09/19/07	Perchlorate		2780		ug/l	400
09/24/07	Total Dissolved Solid (TDS)		2900	500	mg/l	10
	2709180141	ART-9				
09/19/07	Perchlorate		343000		ug/l	40000
09/24/07	Total Dissolved Solid (TDS)		7700	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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  
 Data Report  
 #216598

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

Samples Received  
 09/18/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>ART-1 (2709180120)                    Sampled on 09/17/07 05:30</b>								
	09/18/07 11:03	386280	( EPA 314 )	Perchlorate	112	ug/l	20	5
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6770	mg/l	10	1
<b>ART-2 (2709180125)                    Sampled on 09/17/07 05:30</b>								
	09/18/07 11:03	386280	( EPA 314 )	Perchlorate	79700	ug/l	10000	2500
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	9200	mg/l	10	1
<b>ART-3 (2709180126)                    Sampled on 09/17/07 05:30</b>								
	09/18/07 11:03	386280	( EPA 314 )	Perchlorate	337000	ug/l	40000	10000
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	8180	mg/l	10	1
<b>ART-4 (2709180127)                    Sampled on 09/17/07 05:30</b>								
	09/18/07 11:03	386280	( EPA 314 )	Perchlorate	304000	ug/l	40000	10000
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6180	mg/l	10	1
<b>ART-6 (2709180128)                    Sampled on 09/17/07 05:30</b>								
	09/18/07 11:03	386280	( EPA 314 )	Perchlorate	86000	ug/l	10000	2500
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7390	mg/l	10	1
<b>ART-7 (2709180129)                    Sampled on 09/17/07 05:30</b>								
	09/18/07 11:03	386280	( EPA 314 )	Perchlorate	134000	ug/l	20000	5000
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	9640	mg/l	10	1
<b>ART-8 (2709180130)                    Sampled on 09/17/07 05:30</b>								
	09/18/07 11:03	386280	( EPA 314 )	Perchlorate	244000	ug/l	40000	10000
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	9500	mg/l	10	1



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  
 Data Report  
 #216598

Tronox LLC - Henderson  
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>PC-99R2/R3 (2709180131)                    Sampled on 09/17/07 06:00</b>								
	09/18/07 11:03	386280	( EPA 314 )	Perchlorate	11500	ug/l	2000	500
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	3920	mg/l	10	1
<b>PC-115R (2709180132)                    Sampled on 09/17/07 06:00</b>								
	09/18/07 11:03	386280	( EPA 314 )	Perchlorate	11800	ug/l	2000	500
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	3990	mg/l	10	1
<b>PC-116R (2709180133)                    Sampled on 09/17/07 06:00</b>								
	09/18/07 11:03	386280	( EPA 314 )	Perchlorate	7250	ug/l	2000	500
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	3750	mg/l	10	1
<b>SF-1 (2709180134)                        Sampled on 09/17/07 06:00</b>								
	09/18/07 11:03	386280	( EPA 314 )	Perchlorate	ND	ug/l	10	5
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6030	mg/l	10	1
<b>PC-117 (2709180135)                    Sampled on 09/17/07 06:00</b>								
	09/19/07 00:07	386285	( EPA 314 )	Perchlorate	2420	ug/l	400	100
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	3090	mg/l	10	1
<b>PC-118 (2709180136)                    Sampled on 09/17/07 06:00</b>								
	09/19/07 00:07	386285	( EPA 314 )	Perchlorate	8790	ug/l	800	200
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	3830	mg/l	10	1
<b>PC-119 (2709180137)                    Sampled on 09/17/07 06:00</b>								
	09/19/07 00:07	386285	( EPA 314 )	Perchlorate	3900	ug/l	400	100
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	3230	mg/l	10	1
<b>PC-120 (2709180138)                    Sampled on 09/17/07 06:00</b>								
	09/19/07 00:07	386285	( EPA 314 )	Perchlorate	1610	ug/l	400	100
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	2680	mg/l	10	1



# 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  
Data Report  
#216598

Tronox LLC - Henderson  
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>PC-121 (2709180139)</b>				<b>Sampled on 09/17/07 06:00</b>				
	09/19/07 00:07	386285	( EPA 314 )	Perchlorate	1370	ug/l	400	100
09/21/07	09/21/07 13:00	387379	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	2650	mg/l	10	1
<b>PC-133 (2709180140)</b>				<b>Sampled on 09/17/07 06:00</b>				
	09/19/07 00:07	386285	( EPA 314 )	Perchlorate	2780	ug/l	400	100
09/24/07	09/24/07 12:00	387619	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	2900	mg/l	10	1
<b>ART-9 (2709180141)</b>				<b>Sampled on 09/17/07 05:30</b>				
	09/19/07 00:07	386285	( EPA 314 )	Perchlorate	343000	ug/l	40000	10000
09/24/07	09/24/07 12:00	387619	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7700	mg/l	10	1



**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  
QC Summary  
#216598

Tronox LLC - Henderson

**QC Ref #386280 - Perchlorate**

**Analysis Date: 09/18/2007**

2709180120	ART-1	Analyzed by: clv
2709180125	ART-2	Analyzed by: clv
2709180126	ART-3	Analyzed by: clv
2709180127	ART-4	Analyzed by: clv
2709180128	ART-6	Analyzed by: clv
2709180129	ART-7	Analyzed by: clv
2709180130	ART-8	Analyzed by: clv
2709180131	PC-99R2/R3	Analyzed by: clv
2709180132	PC-115R	Analyzed by: clv
2709180133	PC-116R	Analyzed by: clv
2709180134	SF-1	Analyzed by: clv

**QC Ref #386285 - Perchlorate**

**Analysis Date: 09/19/2007**

2709180135	PC-117	Analyzed by: clv
2709180136	PC-118	Analyzed by: clv
2709180137	PC-119	Analyzed by: clv
2709180138	PC-120	Analyzed by: clv
2709180139	PC-121	Analyzed by: clv
2709180140	PC-133	Analyzed by: clv
2709180141	ART-9	Analyzed by: clv

**QC Ref #387379 - Total Dissolved Solid (TDS)**

**Analysis Date: 09/21/2007**

2709180120	ART-1	Analyzed by: yvette
2709180125	ART-2	Analyzed by: yvette
2709180126	ART-3	Analyzed by: yvette
2709180127	ART-4	Analyzed by: yvette
2709180128	ART-6	Analyzed by: yvette
2709180129	ART-7	Analyzed by: yvette
2709180130	ART-8	Analyzed by: yvette
2709180131	PC-99R2/R3	Analyzed by: yvette
2709180132	PC-115R	Analyzed by: yvette
2709180133	PC-116R	Analyzed by: yvette
2709180134	SF-1	Analyzed by: yvette
2709180135	PC-117	Analyzed by: yvette
2709180136	PC-118	Analyzed by: yvette
2709180137	PC-119	Analyzed by: yvette
2709180138	PC-120	Analyzed by: yvette
2709180139	PC-121	Analyzed by: yvette





**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  
QC Summary  
#216598

Tronox LLC - Henderson  
(continued)

---

QC Ref #387619 - Total Dissolved Solid (TDS)

Analysis Date: 09/24/2007

2709180140  
2709180141

PC-133  
ART-9

Analyzed by: yvette  
Analyzed by: yvette



**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  
QC Report  
#216598

Tronox LLC - Henderson

**QC Ref #386280 Perchlorate**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	09170170	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	26.1	UGL	104.4	( 85-115 )	
LCS2	Perchlorate	25.0	27.2	UGL	108.8	( 85-115 )	
LCS3	Perchlorate	4	3.62	UGL	90.5	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.5	UGL	94.0	( 80-120 )	
MSD	Perchlorate	25.0	24.2	UGL	96.8	( 80-120 )	
RPD_LCS	Perchlorate	104.400	108.800	UGL	4.1	( 0-15 )	
RPD_MS	Perchlorate	94.000	96.800	UGL	1.0	( 0-15 )	

**QC Ref #386285 Perchlorate**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	09180140	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	25.5	UGL	102.0	( 85-115 )	
LCS2	Perchlorate	25.0	26.4	UGL	105.6	( 85-115 )	
LCS3	Perchlorate	4	3.26	UGL	81.5	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.5	UGL	94.0	( 80-120 )	
MSD	Perchlorate	25.0	25.2	UGL	100.8	( 80-120 )	
RPD_LCS	Perchlorate	102.000	105.600	UGL	3.5	( 0-15 )	
RPD_MS	Perchlorate	94.000	100.800	UGL	1.1	( 0-15 )	

**QC Ref #387379 Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	09180130	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	9500	9520	MGL		( 0-10 )	0.2
LCS1	Total Dissolved Solid (TDS)	175	186	MGL	106.3	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	692	MGL	98.9	( 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.



**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  
QC Report  
#216598

Tronox LLC - Henderson  
(continued)

MRL_CHK	Total Dissolved Solid (TDS)	10.0	13	MGL	130.0	( 50-150 )
RPD_LCS	Total Dissolved Solid (TDS)	106.286	98.857	MGL	7.2	( 0-20 )

**QC Ref #387619                      Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	09170371	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	472	488	MGL		( 0-10 )	3.3
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	694	MGL	99.1	( 80-114 )	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	7	MGL	70.0	( 50-150 )	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	99.143	MGL	5.6	( 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.