



# 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)

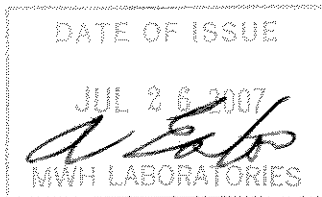
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton  
Project Manager



Report#: 210342  
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 14 page[s].



## **MWH Laboratories**

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Tel: 626 386 1100  
Fax: 626 386 1101  
1 800 566 LABS (1 800 566 5227)

July 26, 2007

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

Subject: Case Narrative report 210342

Enclosed is MWH Laboratories Report 210342

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on July 14, 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





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: JS

SAMPLE TEMP, RECEIPT AT LAB: 20

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 #12374

Sampler Michele Brown

Michele Brown  
Susan Crowley (702) 651-2200  
Tronox LLC - Henderson Plant  
PO Box 55  
Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

(check for yes)

SAMPLES SHIPPED DAILY DUE TO SHORT HOLDING FOR NO3

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CLO1	TDS	CR	CLO3	NO3	SAMPLER COMMENTS
10:32	7/12/07		MWK-4	RSW	X		X	X				
9:52	7/12/07		ARP-1	RSW	X		X	X				
10:06	7/12/07		ARP-2	RSW	X		X	X				
10:18	7/12/07		ARP-3	RSW	X		X	X				
			ARP-4	RSW	X		X	X				abandoned no sample
			ARP-5	RSW	X		X	X				abandoned no sample
			ARP-6A	RSW	X		X	X				abandoned no sample
7:49	7/13/07		ARP-7	RSW	X		X	X				
7:59	7/13/07		PC-53	RSW	X		X	X				
8:27	7/13/07		PC-103	RSW	X		X	X				
8:12	7/13/07		MWK-5	RSW	X		X	X				

\* MATRIX TYPES:

Reported by Volume:

CFW = Chloraminated Finished Water  
FW = Other Finished Water

RGW = Raw Ground Water  
RSW = Raw Surface Water

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

Reported by Weight:

SO = Soil  
SL = Sludge

SIGNATURE

Michele Brown  
for Sanchez

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water for Tronox LLC - Henderson Plant

RELINQUISHED BY:

JOE SANCHEZ

TIME

DATE

1200pm

7-14-07 10:00

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 Kerr McGee Chemical Company - Henderson Standing**

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

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

Period

M Monthly

SO# 29568 12374 RS

0 Ship Sample Kits to  
Kerr McGee  
8000 West Lake Mead Drive  
Henderson, NV 89015

Created by  
Order Date  
04/10/06

Date Needed  
by Client

Date Samples  
to Arrive at MWL

SHIP LOCATION

# of Samples Tests

ATTN: Susan Crowley  
PHONE: 702-651-2234

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

Bottles-Qty for each sample, type & preservative if any

41 CLO4, EC9050

1 125ml poly /no preservative

SHEET OF LABELS WITH WELL-IDS

see comments section

UN#

Important Comments

These sites are monthly till further notice.

- PC-86, PC-89, PC-91, PC-95,
- PC-97, PC-10, PC-12, PC-17,
- PC-18, PC-55, PC-101R
- L-635, L-637
- MW-K2, MW-K4
- ARP-1, ARP-2, ARP-3, ARP-4
- ARP-5, ARP-6, ARP-7, PC-53
- PC-103, MW-K5, M-83
- M-87, PC-98R, PC-56, PC-58,
- PC-59, PC-60, PC-62, PC-68,
- PC-122

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

bottle order and IDs updated 9/9/03

testcodes updated 3-16-06

ActiveCode Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

SCANNED

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: 142676

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>07/13/07</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/A/R			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	
	Monthly ARP and PC Well Samples Not Regulated		1 COOLER	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 58	TOTAL TARE WEIGHT 0	58	
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>Olga Maestas</b>	AGENT	PER

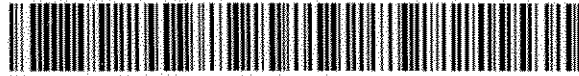
From: Origin ID: LASA (702)651-2230  
TRONOX LLC  
TRONOX LLC  
8000 LAKE MEAD PARKWAY  
SHIPPING DEPARTMENT  
HENDERSON, NV 89015



CL3052807/2/1/23

Ship Date: 13JUL07  
ActWgt: 58 LB  
System#: 2274147/INET2600  
Account#: S \*\*\*\*\*

Delivery Address Bar Code

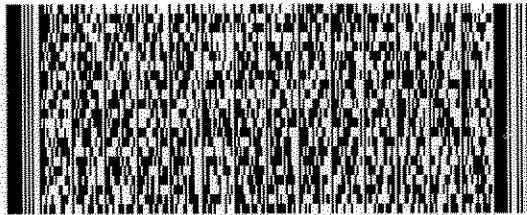


Ref # MSO #142876  
Invoice #  
PO #  
Dept #

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

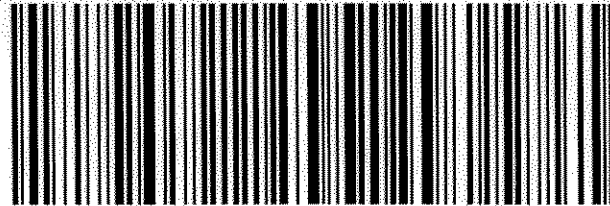
TRK# 7982 1851 8674  
0201

### SATURDAY ### A2  
**PRIORITY**



**X0-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#: 210342  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on **07/14/07**. 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
2707140003	M-83	CLO4 TDS	Water	13-jul-2007 07:17:00
2707140004	M-87	CLO4 TDS	Water	13-jul-2007 07:06:00
2707140005	PC-98R	CLO4 TDS	Water	13-jul-2007 08:55:00
2707140006	PC-86	CLO4 TDS	Water	12-jul-2007 07:46:00
2707140007	PC-90	CLO4 TDS	Water	12-jul-2007 08:02:00
2707140008	PC-56	CLO4 TDS	Water	11-jul-2007 06:22:00
2707140009	PC-58	CLO4 TDS	Water	11-jul-2007 06:17:00
2707140010	PC-59	CLO4 TDS	Water	11-jul-2007 06:32:00
2707140011	PC-60	CLO4 TDS	Water	11-jul-2007 06:27:00
2707140012	PC-62	CLO4 TDS	Water	11-jul-2007 06:37:00
2707140013	PC-68	CLO4 TDS	Water	11-jul-2007 06:48:00
2707140014	PC-122	CLO4 TDS	Water	12-jul-2007 08:38:00
2707140015	MWK-4	CLO4 TDS	Water	12-jul-2007 10:32:00
2707140016	ARP-1	CLO4 TDS	Water	12-jul-2007 09:52:00
2707140017	ARP-2	CLO4 TDS	Water	12-jul-2007 10:06:00
2707140018	ARP-3	CLO4 TDS	Water	12-jul-2007 10:18:00
2707140019	ARP-7	CLO4 TDS	Water	13-jul-2007 07:49:00

Tronox LLC - Henderson  
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 Group#: 210342  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2707140020	PC-53	CLO4 TDS	Water	13-jul-2007 07:59:00
2707140021	PC-103	CLO4 TDS	Water	13-jul-2007 08:27:00
2707140022	MWK-5	CLO4 TDS	Water	13-jul-2007 08:12:00
2707140023	PC-91	CLO4 TDS	Water	12-jul-2007 08:15:00
2707140024	PC-95	CLO4 TDS	Water	12-jul-2007 07:33:00
2707140025	PC-97	CLO4 TDS	Water	12-jul-2007 07:19:00
2707140026	PC-17	CLO4 TDS	Water	12-jul-2007 08:55:00
2707140027	PC-18	CLO4 TDS	Water	12-jul-2007 09:37:00
2707140028	PC-55	CLO4 TDS	Water	11-jul-2007 10:33:00
2707140029	PC-101R	CLO4 TDS	Water	12-jul-2007 09:21:00
2707140030	L-635	CLO4 TDS	Water	11-jul-2007 11:05:00
2707140031	L-637	CLO4 TDS	Water	11-jul-2007 11:41:00

Test Acronym Description

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





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Laboratory  
Hits Report  
#210342

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

Samples Received  
14-jul-2007 11:12:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2707140003</b>	<b>M-83</b>				
07/18/07	Perchlorate		24500		ug/l	4000
07/19/07	Total Dissolved Solid (TDS)		1160	500	mg/l	10
	<b>2707140004</b>	<b>M-87</b>				
07/17/07	Perchlorate		216000		ug/l	20000
07/19/07	Total Dissolved Solid (TDS)		3070	500	mg/l	10
	<b>2707140005</b>	<b>PC-98R</b>				
07/17/07	Perchlorate		16000		ug/l	2000
07/19/07	Total Dissolved Solid (TDS)		7430	500	mg/l	10
	<b>2707140006</b>	<b>PC-86</b>				
07/17/07	Perchlorate		1340		ug/l	400
07/17/07	Total Dissolved Solid (TDS)		2630	500	mg/l	10
	<b>2707140007</b>	<b>PC-90</b>				
07/17/07	Perchlorate		15400		ug/l	2000
07/17/07	Total Dissolved Solid (TDS)		4680	500	mg/l	10
	<b>2707140008</b>	<b>PC-56</b>				
07/17/07	Perchlorate		2880		ug/l	2000
07/17/07	Total Dissolved Solid (TDS)		2550	500	mg/l	10
	<b>2707140009</b>	<b>PC-58</b>				

SUMMARY OF POSITIVE DATA ONLY.



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#210342

Tronox LLC - Henderson  
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Samples Received  
14-jul-2007 11:12:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2707140009</b>	<b>PC-58</b>				
07/17/07	Perchlorate		5480		ug/l	800
07/17/07	Total Dissolved Solid (TDS)		6380	500	mg/l	10
	<b>2707140010</b>	<b>PC-59</b>				
07/17/07	Perchlorate		5550		ug/l	800
07/17/07	Total Dissolved Solid (TDS)		4900	500	mg/l	10
	<b>2707140011</b>	<b>PC-60</b>				
07/18/07	Perchlorate		5940		ug/l	800
07/17/07	Total Dissolved Solid (TDS)		4110	500	mg/l	10
	<b>2707140012</b>	<b>PC-62</b>				
07/18/07	Perchlorate		4170		ug/l	400
07/17/07	Total Dissolved Solid (TDS)		3510	500	mg/l	10
	<b>2707140013</b>	<b>PC-68</b>				
07/18/07	Perchlorate		279		ug/l	20
07/17/07	Total Dissolved Solid (TDS)		2250	500	mg/l	10
	<b>2707140014</b>	<b>PC-122</b>				
07/18/07	Perchlorate		11200		ug/l	2000
07/17/07	Total Dissolved Solid (TDS)		10000	500	mg/l	10
	<b>2707140015</b>	<b>MWK-4</b>				

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Laboratory  
 Hits Report  
 #210342

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

Samples Received  
 14-jul-2007 11:12:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2707140015</b>	<b>MWK-4</b>				
07/18/07	Perchlorate		130000		ug/l	20000
07/17/07	Total Dissolved Solid (TDS)		7740	500	mg/l	10
	<b>2707140016</b>	<b>ARP-1</b>				
07/18/07	Perchlorate		822		ug/l	40
07/17/07	Total Dissolved Solid (TDS)		6390	500	mg/l	10
	<b>2707140017</b>	<b>ARP-2</b>				
07/18/07	Perchlorate		137		ug/l	8.0
07/17/07	Total Dissolved Solid (TDS)		6950	500	mg/l	10
	<b>2707140018</b>	<b>ARP-3</b>				
07/18/07	Perchlorate		16800		ug/l	4000
07/17/07	Total Dissolved Solid (TDS)		7000	500	mg/l	10
	<b>2707140019</b>	<b>ARP-7</b>				
07/18/07	Perchlorate		5310		ug/l	400
07/19/07	Total Dissolved Solid (TDS)		5970	500	mg/l	10
	<b>2707140020</b>	<b>PC-53</b>				
07/18/07	Perchlorate		2800		ug/l	400
07/19/07	Total Dissolved Solid (TDS)		4340	500	mg/l	10
	<b>2707140021</b>	<b>PC-103</b>				

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#210342

Tronox LLC - Henderson  
Susan Crowley  
PO Box 55  
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Samples Received  
14-jul-2007 11:12:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2707140021</b>	<b>PC-103</b>				
07/18/07	Perchlorate		7740		ug/l	400
07/19/07	Total Dissolved Solid (TDS)		5170	500	mg/l	10
	<b>2707140022</b>	<b>MWK-5</b>				
07/18/07	Perchlorate		11200		ug/l	2000
07/19/07	Total Dissolved Solid (TDS)		6960	500	mg/l	10
	<b>2707140023</b>	<b>PC-91</b>				
07/18/07	Perchlorate		10100		ug/l	2000
07/17/07	Total Dissolved Solid (TDS)		8280	500	mg/l	10
	<b>2707140024</b>	<b>PC-95</b>				
07/18/07	Perchlorate		236		ug/l	40
07/17/07	Total Dissolved Solid (TDS)		2680	500	mg/l	10
	<b>2707140025</b>	<b>PC-97</b>				
07/18/07	Perchlorate		434		ug/l	80
07/17/07	Total Dissolved Solid (TDS)		2610	500	mg/l	10
	<b>2707140026</b>	<b>PC-17</b>				
07/18/07	Perchlorate		253000		ug/l	20000
07/17/07	Total Dissolved Solid (TDS)		10300	500	mg/l	10
	<b>2707140027</b>	<b>PC-18</b>				

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 Hits Report  
 #210342

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Samples Received  
 14-jul-2007 11:12:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2707140027</b>	<b>PC-18</b>				
07/18/07	Perchlorate		240000		ug/l	20000
07/17/07	Total Dissolved Solid (TDS)		10300	500	mg/l	10
	<b>2707140028</b>	<b>PC-55</b>				
07/18/07	Perchlorate		1340		ug/l	200
07/17/07	Total Dissolved Solid (TDS)		7840	500	mg/l	10
	<b>2707140029</b>	<b>PC-101R</b>				
07/18/07	Perchlorate		222000		ug/l	20000
07/17/07	Total Dissolved Solid (TDS)		10380	500	mg/l	10
	<b>2707140030</b>	<b>L-635</b>				
07/17/07	Total Dissolved Solid (TDS)		7400	500	mg/l	10
	<b>2707140031</b>	<b>L-637</b>				
07/18/07	Perchlorate		22		ug/l	20
07/17/07	Total Dissolved Solid (TDS)		7100	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.





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Laboratory  
 Data Report  
 #210342

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

Samples Received  
 07/14/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>M-83 (2707140003)      Sampled on 07/13/07 07:17</b>								
	07/18/07 05:16	377025	( EPA 314 )	Perchlorate	24500	ug/l	4000	1000
07/19/07	07/19/07 09:00	377463	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	1160	mg/l	10	1
<b>M-87 (2707140004)      Sampled on 07/13/07 07:06</b>								
	07/17/07 17:19	377020	( EPA 314 )	Perchlorate	216000	ug/l	20000	5000
07/19/07	07/19/07 09:00	377463	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	3070	mg/l	10	1
<b>PC-98R (2707140005)      Sampled on 07/13/07 08:55</b>								
	07/17/07 17:19	377020	( EPA 314 )	Perchlorate	16000	ug/l	2000	500
07/19/07	07/19/07 09:00	377463	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7430	mg/l	10	1
<b>PC-86 (2707140006)      Sampled on 07/12/07 07:46</b>								
	07/17/07 17:19	377020	( EPA 314 )	Perchlorate	1340	ug/l	400	100
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	2630	mg/l	10	1
<b>PC-90 (2707140007)      Sampled on 07/12/07 08:02</b>								
	07/17/07 17:19	377020	( EPA 314 )	Perchlorate	15400	ug/l	2000	500
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	4680	mg/l	10	1
<b>PC-56 (2707140008)      Sampled on 07/11/07 06:22</b>								
	07/17/07 17:19	377020	( EPA 314 )	Perchlorate	2880	ug/l	2000	500
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	2550	mg/l	10	1
<b>PC-58 (2707140009)      Sampled on 07/11/07 06:17</b>								
	07/17/07 17:19	377020	( EPA 314 )	Perchlorate	5480	ug/l	800	200
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6380	mg/l	10	1



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Tronox LLC - Henderson  
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>PC-59 (2707140010)      Sampled on 07/11/07 06:32</b>								
	07/17/07 17:19	377020	( EPA 314 )	Perchlorate	5550	ug/l	800	200
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	4900	mg/l	10	1
<b>PC-60 (2707140011)      Sampled on 07/11/07 06:27</b>								
	07/18/07 00:02	377020	( EPA 314 )	Perchlorate	5940	ug/l	800	200
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	4110	mg/l	10	1
<b>PC-62 (2707140012)      Sampled on 07/11/07 06:37</b>								
	07/18/07 00:02	377020	( EPA 314 )	Perchlorate	4170	ug/l	400	100
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	3510	mg/l	10	1
<b>PC-68 (2707140013)      Sampled on 07/11/07 06:48</b>								
	07/18/07 00:02	377020	( EPA 314 )	Perchlorate	279	ug/l	20	5
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	2250	mg/l	10	1
<b>PC-122 (2707140014)      Sampled on 07/12/07 08:38</b>								
	07/18/07 00:02	377020	( EPA 314 )	Perchlorate	11200	ug/l	2000	500
07/17/07	07/17/07 15:00	377166	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	10000	mg/l	10	1
<b>MWK-4 (2707140015)      Sampled on 07/12/07 10:32</b>								
	07/18/07 00:02	377020	( EPA 314 )	Perchlorate	130000	ug/l	20000	5000
07/17/07	07/17/07 15:00	377166	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7740	mg/l	10	1
<b>ARP-1 (2707140016)      Sampled on 07/12/07 09:52</b>								
	07/18/07 00:02	377020	( EPA 314 )	Perchlorate	822	ug/l	40	10
07/17/07	07/17/07 15:00	377166	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6390	mg/l	10	1
<b>ARP-2 (2707140017)      Sampled on 07/12/07 10:06</b>								
	07/18/07 05:16	377025	( EPA 314 )	Perchlorate	137	ug/l	8.0	4
07/17/07	07/17/07 15:00	377166	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6950	mg/l	10	1



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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>ARP-3 (2707140018)      Sampled on 07/12/07 10:18</b>								
	07/18/07 00:02	377020	( EPA 314 )	Perchlorate	16800	ug/l	4000	1000
07/17/07	07/17/07 15:00	377166	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7000	mg/l	10	1
<b>ARP-7 (2707140019)      Sampled on 07/13/07 07:49</b>								
	07/18/07 00:02	377020	( EPA 314 )	Perchlorate	5310	ug/l	400	100
07/19/07	07/19/07 09:00	377463	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	5970	mg/l	10	1
<b>PC-53 (2707140020)      Sampled on 07/13/07 07:59</b>								
	07/18/07 00:02	377020	( EPA 314 )	Perchlorate	2800	ug/l	400	100
07/19/07	07/19/07 09:00	377463	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	4340	mg/l	10	1
<b>PC-103 (2707140021)      Sampled on 07/13/07 08:27</b>								
	07/18/07 00:02	377020	( EPA 314 )	Perchlorate	7740	ug/l	400	100
07/19/07	07/19/07 09:00	377463	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	5170	mg/l	10	1
<b>MWK-5 (2707140022)      Sampled on 07/13/07 08:12</b>								
	07/18/07 05:16	377025	( EPA 314 )	Perchlorate	11200	ug/l	2000	500
07/19/07	07/19/07 09:00	377463	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6960	mg/l	10	1
<b>PC-91 (2707140023)      Sampled on 07/12/07 08:15</b>								
	07/18/07 05:16	377025	( EPA 314 )	Perchlorate	10100	ug/l	2000	500
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	8280	mg/l	10	1
<b>PC-95 (2707140024)      Sampled on 07/12/07 07:33</b>								
	07/18/07 05:16	377025	( EPA 314 )	Perchlorate	236	ug/l	40	10
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	2680	mg/l	10	1
<b>PC-97 (2707140025)      Sampled on 07/12/07 07:19</b>								
	07/18/07 05:16	377025	( EPA 314 )	Perchlorate	434	ug/l	80	20
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	2610	mg/l	10	1



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Tronox LLC - Henderson  
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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>PC-17 (2707140026)      Sampled on 07/12/07 08:55</b>								
	07/18/07 05:16	377025	( EPA 314 )	Perchlorate	253000	ug/l	20000	5000
07/17/07	07/17/07 15:00	377166	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	10300	mg/l	10	1
<b>PC-18 (2707140027)      Sampled on 07/12/07 09:37</b>								
	07/18/07 05:16	377025	( EPA 314 )	Perchlorate	240000	ug/l	20000	5000
07/17/07	07/17/07 15:00	377166	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	10300	mg/l	10	1
<b>PC-55 (2707140028)      Sampled on 07/11/07 10:33</b>								
	07/18/07 05:16	377025	( EPA 314 )	Perchlorate	1340	ug/l	200	50
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7840	mg/l	10	1
<b>PC-101R (2707140029)      Sampled on 07/12/07 09:21</b>								
	07/18/07 05:16	377025	( EPA 314 )	Perchlorate	222000	ug/l	20000	5000
07/17/07	07/17/07 15:00	377166	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	10380	mg/l	10	1
<b>L-635 (2707140030)      Sampled on 07/11/07 11:05</b>								
	07/18/07 05:16	377025	( EPA 314 )	Perchlorate	ND	ug/l	4.0	2
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7400	mg/l	10	1
<b>L-637 (2707140031)      Sampled on 07/11/07 11:41</b>								
	07/18/07 05:16	377025	( EPA 314 )	Perchlorate	22	ug/l	20	5
07/17/07	07/17/07 09:30	377165	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7100	mg/l	10	1



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**QC Ref #377020 - Perchlorate**

**Analysis Date: 07/17/2007**

2707140004	M-87	Analyzed by: clv
2707140005	PC-98R	Analyzed by: clv
2707140006	PC-86	Analyzed by: clv
2707140007	PC-90	Analyzed by: clv
2707140008	PC-56	Analyzed by: clv
2707140009	PC-58	Analyzed by: clv
2707140010	PC-59	Analyzed by: clv
2707140011	PC-60	Analyzed by: clv
2707140012	PC-62	Analyzed by: clv
2707140013	PC-68	Analyzed by: clv
2707140014	PC-122	Analyzed by: clv
2707140015	MWK-4	Analyzed by: clv
2707140016	ARP-1	Analyzed by: clv
2707140018	ARP-3	Analyzed by: clv
2707140019	ARP-7	Analyzed by: clv
2707140020	PC-53	Analyzed by: clv
2707140021	PC-103	Analyzed by: clv

**QC Ref #377025 - Perchlorate**

**Analysis Date: 07/18/2007**

2707140003	M-83	Analyzed by: clv
2707140017	ARP-2	Analyzed by: clv
2707140022	MWK-5	Analyzed by: clv
2707140023	PC-91	Analyzed by: clv
2707140024	PC-95	Analyzed by: clv
2707140025	PC-97	Analyzed by: clv
2707140026	PC-17	Analyzed by: clv
2707140027	PC-18	Analyzed by: clv
2707140028	PC-55	Analyzed by: clv
2707140029	PC-101R	Analyzed by: clv
2707140030	L-635	Analyzed by: clv
2707140031	L-637	Analyzed by: clv

**QC Ref #377165 - Total Dissolved Solid (TDS)**

**Analysis Date: 07/17/2007**

2707140006	PC-86	Analyzed by: yvette
2707140007	PC-90	Analyzed by: yvette
2707140008	PC-56	Analyzed by: yvette
2707140009	PC-58	Analyzed by: yvette
2707140010	PC-59	Analyzed by: yvette
2707140011	PC-60	Analyzed by: yvette



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Tronox LLC - Henderson  
(continued)

2707140012	PC-62	Analyzed by: yvette
2707140013	PC-68	Analyzed by: yvette
2707140023	PC-91	Analyzed by: yvette
2707140024	PC-95	Analyzed by: yvette
2707140025	PC-97	Analyzed by: yvette
2707140028	PC-55	Analyzed by: yvette
2707140030	L-635	Analyzed by: yvette
2707140031	L-637	Analyzed by: yvette

QC Ref #377166 - Total Dissolved Solid (TDS) Analysis Date: 07/17/2007

2707140014	PC-122	Analyzed by: yvette
2707140015	MWK-4	Analyzed by: yvette
2707140016	ARP-1	Analyzed by: yvette
2707140017	ARP-2	Analyzed by: yvette
2707140018	ARP-3	Analyzed by: yvette
2707140026	PC-17	Analyzed by: yvette
2707140027	PC-18	Analyzed by: yvette
2707140029	PC-101R	Analyzed by: yvette

QC Ref #377463 - Total Dissolved Solid (TDS) Analysis Date: 07/19/2007

2707140003	M-83	Analyzed by: yvette
2707140004	M-87	Analyzed by: yvette
2707140005	PC-98R	Analyzed by: yvette
2707140019	ARP-7	Analyzed by: yvette
2707140020	PC-53	Analyzed by: yvette
2707140021	PC-103	Analyzed by: yvette
2707140022	MWK-5	Analyzed by: yvette

## Tronox LLC - Henderson

**QC Ref #377020**
**Perchlorate**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	07120677	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	26.5	UGL	106.0	( 85-115 )	
LCS2	Perchlorate	25.0	26.2	UGL	104.8	( 85-115 )	
LCS3	Perchlorate	4	4.59	UGL	114.8	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.4	UGL	93.6	( 80-120 )	
MSD	Perchlorate	25.0	22.8	UGL	91.2	( 80-120 )	
RPD_LCS	Perchlorate	106.000	104.800	UGL	1.1	( 0-15 )	
RPD_MS	Perchlorate	93.600	91.200	UGL	1.0	( 0-15 )	

**QC Ref #377025**
**Perchlorate**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	07140023	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	26.9	UGL	107.6	( 85-115 )	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	( 85-115 )	
LCS3	Perchlorate	4	3.76	UGL	94.0	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.8	UGL	91.2	( 80-120 )	
MSD	Perchlorate	25.0	23.1	UGL	92.4	( 80-120 )	
RPD_LCS	Perchlorate	107.600	102.400	UGL	5.0	( 0-15 )	
RPD_MS	Perchlorate	91.200	92.400	UGL	1.0	( 0-15 )	

**QC Ref #377165**
**Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	07140009	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	6380	6456	MGL		( 0-10 )	1.2
LCS1	Total Dissolved Solid (TDS)	175	170	MGL	97.1	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	686	MGL	98.0	( 80-114 )	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates  
 are advisory only, unless otherwise specified in the method.



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MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	( 50-150 )
RPD_LCS	Total Dissolved Solid (TDS)	97.143	98.000	MGL	0.9	( 0-20 )

**QC Ref #377166 Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	07120249	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	998	1010	MGL		( 0-10 )	1.2
LCS1	Total Dissolved Solid (TDS)	175	176	MGL	100.6	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	700	MGL	100.0	( 80-114 )	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	( 50-150 )	
RPD_LCS	Total Dissolved Solid (TDS)	100.571	100.000	MGL	0.6	( 0-20 )	

**QC Ref #377463 Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	07120252	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	960	982	MGL		( 0-10 )	2.3
LCS1	Total Dissolved Solid (TDS)	175	174	MGL	99.4	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	682	MGL	97.4	( 80-114 )	
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)	99.429	97.429	MGL	2.0	( 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  
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