



MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3628
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

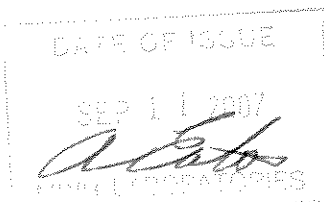
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 213675
Project: CL04
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 23 page[s].



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)

September 11, 2007

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

Subject: Case Narrative report 213675

Enclosed is MWH Laboratories Report 213675

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on August 18, 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.#		REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES		<input type="checkbox"/> (check for yes)	
KERRMCGEE-MP Sampler: Michele Brown		Collection Wells Fields - Monthly - SO #12374		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)			
Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009		(702) 651-2200		SAMPLER COMMENTS			
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	
10:44	8/15/07		MWK-4	RSW	X		
10:04	8/15/07		ARP-1	RSW	X		
10:17	8/15/07		ARP-2	RSW	X		
10:29	8/15/07		ARP-3	RSW	X		
			ARP-4	RSW	X		abandoned no sample
			ARP-5	RSW	X		abandoned no sample
			ARP-6A	RSW	X		abandoned no sample
7:15	8/17/07		ARP-7	RSW	X		
6:10	8/17/07		PC-53	RSW	X		
6:36	8/17/07		PC-103	RSW	X		
6:22	8/17/07		MWK-5	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

RELINQUISHED BY: <u>Michele Brown</u>	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY: <u>[Signature]</u>		Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	8/17/2007	1200pm
RELINQUISHED BY:					
RECEIVED BY:					



M/LABS USE ONLY:

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016

(626) 386-1100 (800) 565-5227

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: AS

SAMPLE TEMP, RECEIPT AT LAB: 23

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 Tronox LLC - Henderson Plant
 Susan Crowley (702) 651-2200 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes)
 ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	SAMPLES SHIPPED DAILY DUE TO SHORT HOLDING FOR NO3							SAMPLER COMMENTS			
							CLO3	CR	CLO3	NO3							
9:02	8/15/07		PC-91	RSW	X		X	X									
8:18	8/15/07		PC-95	RSW	X		X	X									
8:03	8/15/07		PC-97	RSW	X		X	X									
			MW-K2	RSW	X												Well Dry
			PC-12	RSW	X												No Sample
9:26	8/15/07		PC-17	RSW	X		X	X									
9:50	8/15/07		PC-18	RSW	X		X	X									
7:45	8/14/07		PC-55	RSW	X		X	X									
9:38	8/15/07		PC-101R	RSW	X		X	X									
8:14	8/14/07		L-635	RSW	X		X	X									
8:45	8/14/07		L-637	RSW	X		X	X									

* MATRIX TYPES:

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

Reported by Weight:
SO = Soil
SL = Sludge

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

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY: Michele Brown
 RECEIVED BY: Joe Sanchez
 RELINQUISHED BY: Joe Sanchez
 RECEIVED BY: _____

Veolia Water for Tronox LLC - Henderson Plant
 MWA
 8/17/2007
 8:18 AM
 12:00 PM



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# GWREMIATION
Blanket PO

Period

M Monthly

SO# 29568 12374 RS

Sampler: Please Return this Paper with your samples

Created by
Order Date **04/10/06**
Date Needed by Client
Date Samples to Arrive at MWL
SHIP LOCATION

Send Report to

Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

Billing Address

Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

ATTN: Susan Crowley
PHONE: 702-651-2234

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

Quote#

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

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
41	CLO4, EC9050	1 125ml poly /no preservative		These sites are monthly till further notice.
	SHEET OF LABELS WITH WELL-IDS	see comments section		
				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: **142733**

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

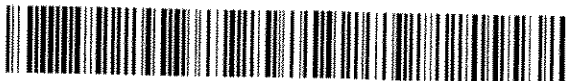
CARRIER Federal Express		Date 08/17/07	FROM NO. STATION: STATE Henderson, NV 89015		
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400			Authorization S. CROWLEY		
FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect		FULL NAME OF SHIPPER TRONOX LLC CODE NO. WCN IS 1321.10400			
N/AR	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM Henderson, NV		If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.	
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY		
	Monthly ARP and PC Well Samples Not Regulated One cooler @ 35 lbs. One cooler @ 56 lbs.		2 COOLERS		
			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. TRONOX LLC		
			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			
2	TOTAL GROSS WEIGHT 91	TOTAL TARE WEIGHT 0	91		
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 _____					
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 Judi Durkin	AGENT	PER	

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



Ship Date: 17AUG07
ActWgt: 56 LB
System#: 2274147/INET2600
Account#: S *****

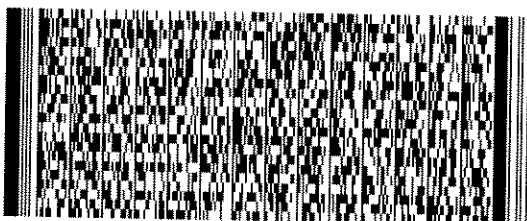
Delivery Address Bar Code



Ref # MSO #142733 - 56.0 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

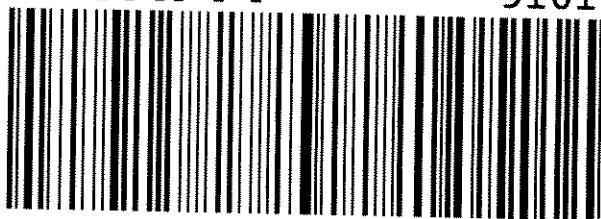


TRK# 7908 0865 5952
0201

SATURDAY ### A2
PRIORITY
ASR

X0-WHPA

BUR
CA-US
91016



Shipping Label: Your shipment is complete

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

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

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

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: KERRMCGEE-MP
 PO#: Susan Crowley PO
 Group#: 213675
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **08/18/07**. 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
2708180005	M-83	CLO4 CR	Water	16-aug-2007 08:25:00
			P	TDS
2708180006	M-87	CLO4 CR	Water	16-aug-2007 08:12:00
			P	TDS
2708180007	PC-98R	CLO4 CR	Water	17-aug-2007 06:57:00
			P	TDS
2708180008	PC-86	CLO4 CR	Water	15-aug-2007 08:32:00
			P	TDS
2708180009	PC-90	CLO4 CR	Water	15-aug-2007 08:48:00
			P	TDS
2708180010	PC-56	CLO4 CR	Water	13-aug-2007 09:25:00
			P	TDS
2708180011	PC-58	CLO4 CR	Water	13-aug-2007 09:19:00
			P	TDS
2708180012	PC-59	CLO4 CR	Water	13-aug-2007 09:38:00
			P	TDS
2708180013	PC-60	CLO4 CR	Water	13-aug-2007 09:32:00
			P	TDS
2708180014	PC-62	CLO4 CR	Water	13-aug-2007 09:49:00
			P	TDS
2708180015	PC-68	CLO4 CR	Water	13-aug-2007 09:56:00
			P	TDS
2708180016	PC-122	CLO4 CR	Water	14-aug-2007 09:14:00
			P	TDS
2708180017	MWK-4	CLO4 CR	Water	15-aug-2007 10:44:00
			P	TDS
2708180018	ARP-1	CLO4 CR	Water	15-aug-2007 10:04:00
			P	TDS
2708180019	ARP-2	CLO4 CR	Water	15-aug-2007 10:17:00
			P	TDS
2708180020	ARP-3	CLO4 CR	Water	15-aug-2007 10:29:00
			P	TDS
2708180021	ARP-7	CLO4 CR	Water	17-aug-2007 07:15:00
			P	TDS

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#: 213675
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled		Matrix	Sample Date
2708180022	PC-53	CLO4	CR	Water P	17-aug-2007 06:10:00 TDS
2708180023	PC-103	CLO4	CR	Water P	17-aug-2007 06:36:00 TDS
2708180024	MWK-5	CLO4	CR	Water P	17-aug-2007 06:22:00 TDS
2708180025	PC-91	CLO4	CR	Water P	15-aug-2007 09:02:00 TDS
2708180026	PC-95	CLO4	CR	Water P	15-aug-2007 08:18:00 TDS
2708180027	PC-97	CLO4	CR	Water P	15-aug-2007 08:03:00 TDS
2708180028	PC-17	CLO4	CR	Water P	15-aug-2007 09:26:00 TDS
2708180029	PC-18	CLO4	CR	Water P	15-aug-2007 09:50:00 TDS
2708180030	PC-55	CLO4	CR	Water P	14-aug-2007 07:45:00 TDS
2708180031	PC-101R	CLO4	CR	Water P	15-aug-2007 09:38:00 TDS
2708180032	L-635	CLO4	CR	Water P	14-aug-2007 08:14:00 TDS
2708180033	L-637	CLO4	CR	Water P	14-aug-2007 08:45:00 TDS

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR	Chromium, Total, ICAP
P	Metals sample pH
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)



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Report
Comments
#213675

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: _____

(QC Ref#: 2708180029)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)

R1 - RPD exceeded the method control limit.



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Laboratory
Hits Report
#213675

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

Samples Received
18-aug-2007 10:22:49

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708180005	M-83				
08/23/07		Chromium, Total, ICAP	0.15		mg/l	0.010
08/20/07		Perchlorate	15700		ug/l	4000
08/23/07		Total Dissolved Solid (TDS)	1070	500	mg/l	10
	2708180006	M-87				
08/28/07		Chromium, Total, ICAP	2.4		mg/l	0.010
08/23/07		Metals digestion performed.	Y		Yes/No	
08/20/07		Perchlorate	197000		ug/l	40000
08/23/07		Total Dissolved Solid (TDS)	2860	500	mg/l	10
	2708180007	PC-98R				
08/23/07		Chromium, Total, ICAP	0.024		mg/l	0.010
08/20/07		Perchlorate	14300		ug/l	2000
08/23/07		Total Dissolved Solid (TDS)	6960	500	mg/l	10
	2708180008	PC-86				
08/23/07		Metals digestion performed.	Y		Yes/No	
08/20/07		Perchlorate	1390		ug/l	400
08/22/07		Total Dissolved Solid (TDS)	2700	500	mg/l	10
	2708180009	PC-90				
08/23/07		Metals digestion performed.	Y		Yes/No	
08/20/07		Perchlorate	14300		ug/l	800
08/22/07		Total Dissolved Solid (TDS)	4600	500	mg/l	10
	2708180010	PC-56				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #213675

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

Samples Received
 18-aug-2007 10:22:49

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708180010	PC-56				
08/23/07		Metals digestion performed.	Y		Yes/No	
08/21/07		Perchlorate	1250		ug/l	400
08/19/07		Total Dissolved Solid (TDS)	2040	500	mg/l	10
	2708180011	PC-58				
08/28/07		Chromium, Total, ICAP	0.11		mg/l	0.010
08/23/07		Metals digestion performed.	Y		Yes/No	
08/21/07		Perchlorate	7910		ug/l	400
08/19/07		Total Dissolved Solid (TDS)	6550	500	mg/l	10
	2708180012	PC-59				
08/23/07		Metals digestion performed.	Y		Yes/No	
08/20/07		Perchlorate	5160		ug/l	800
08/19/07		Total Dissolved Solid (TDS)	4620	500	mg/l	10
	2708180013	PC-60				
08/20/07		Perchlorate	6500		ug/l	400
08/19/07		Total Dissolved Solid (TDS)	3990	500	mg/l	10
	2708180014	PC-62				
08/23/07		Metals digestion performed.	Y		Yes/No	
08/20/07		Perchlorate	3690		ug/l	400
08/19/07		Total Dissolved Solid (TDS)	3460	500	mg/l	10
	2708180015	PC-68				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #213675

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

Samples Received
 18-aug-2007 10:22:49

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708180015	PC-68				
08/23/07		Metals digestion performed.	Y		Yes/No	
08/20/07		Perchlorate	174		ug/l	10
08/19/07		Total Dissolved Solid (TDS)	2220	500	mg/l	10
	2708180016	PC-122				
08/28/07		Chromium, Total, ICAP	0.081		mg/l	0.010
08/23/07		Metals digestion performed.	Y		Yes/No	
08/21/07		Perchlorate	10000		ug/l	2000
08/21/07		Total Dissolved Solid (TDS)	9550	500	mg/l	10
	2708180017	MWK-4				
08/28/07		Chromium, Total, ICAP	0.049		mg/l	0.010
08/23/07		Metals digestion performed.	Y		Yes/No	
08/21/07		Perchlorate	109000		ug/l	20000
08/22/07		Total Dissolved Solid (TDS)	7570	500	mg/l	10
	2708180018	ARP-1				
08/23/07		Metals digestion performed.	Y		Yes/No	
08/21/07		Perchlorate	826		ug/l	80
08/22/07		Total Dissolved Solid (TDS)	5330	500	mg/l	10
	2708180019	ARP-2				
08/28/07		Chromium, Total, ICAP	0.028		mg/l	0.010
08/23/07		Metals digestion performed.	Y		Yes/No	
08/21/07		Perchlorate	119		ug/l	20

SUMMARY OF POSITIVE DATA ONLY.



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Hits Report
#213675

Tronox LLC - Henderson
Susan Crowley
PO Box 55
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Samples Received
18-aug-2007 10:22:49

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708180019	ARP-2				
08/22/07	Total Dissolved Solid (TDS)		5750	500	mg/l	10
	2708180020	ARP-3				
08/23/07	Metals digestion performed.		Y		Yes/No	
08/21/07	Perchlorate		12800		ug/l	4000
08/22/07	Total Dissolved Solid (TDS)		6450	500	mg/l	10
	2708180021	ARP-7				
08/28/07	Chromium, Total, ICAP		0.021		mg/l	0.010
08/23/07	Metals digestion performed.		Y		Yes/No	
08/21/07	Perchlorate		4460		ug/l	400
08/24/07	Total Dissolved Solid (TDS)		5820	500	mg/l	10
	2708180022	PC-53				
08/28/07	Chromium, Total, ICAP		0.021		mg/l	0.010
08/23/07	Metals digestion performed.		Y		Yes/No	
08/21/07	Perchlorate		2440		ug/l	400
08/23/07	Total Dissolved Solid (TDS)		4470	500	mg/l	10
	2708180023	PC-103				
08/23/07	Metals digestion performed.		Y		Yes/No	
08/21/07	Perchlorate		7280		ug/l	800
08/23/07	Total Dissolved Solid (TDS)		5070	500	mg/l	10
	2708180024	MWK-5				

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Samples Received
 18-aug-2007 10:22:49

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708180024	MWK-5				
08/28/07		Chromium, Total, ICAP	0.019		mg/l	0.010
08/23/07		Metals digestion performed.	Y		Yes/No	
08/21/07		Perchlorate	11300		ug/l	4000
08/23/07		Total Dissolved Solid (TDS)	6800	500	mg/l	10
	2708180025	PC-91				
08/23/07		Metals digestion performed.	Y		Yes/No	
08/21/07		Perchlorate	10000		ug/l	800
08/22/07		Total Dissolved Solid (TDS)	7280	500	mg/l	10
	2708180026	PC-95				
08/23/07		Metals digestion performed.	Y		Yes/No	
08/21/07		Perchlorate	140		ug/l	40
08/22/07		Total Dissolved Solid (TDS)	2520	500	mg/l	10
	2708180027	PC-97				
08/21/07		Perchlorate	256		ug/l	40
08/22/07		Total Dissolved Solid (TDS)	2590	500	mg/l	10
	2708180028	PC-17				
08/23/07		Chromium, Total, ICAP	0.12		mg/l	0.010
08/21/07		Perchlorate	209000		ug/l	40000
08/22/07		Total Dissolved Solid (TDS)	13200	500	mg/l	10
	2708180029	PC-18				

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 18-aug-2007 10:22:49

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708180029	PC-18				
08/28/07		Chromium, Total, ICAP	0.13		mg/l	0.010
08/23/07		Metals digestion performed.	Y		Yes/No	
08/21/07		Perchlorate	192000		ug/l	40000
08/22/07		Total Dissolved Solid (TDS)	8100	500	mg/l	10
	2708180030	PC-55				
08/21/07		Perchlorate	1080		ug/l	400
08/21/07		Total Dissolved Solid (TDS)	7050	500	mg/l	10
	2708180031	PC-101R				
08/23/07		Chromium, Total, ICAP	0.077		mg/l	0.010
08/21/07		Perchlorate	185000		ug/l	40000
08/22/07		Total Dissolved Solid (TDS)	8900	500	mg/l	10
	2708180032	L-635				
08/21/07		Total Dissolved Solid (TDS)	7230	500	mg/l	10
	2708180033	L-637				
08/23/07		Metals digestion performed.	Y		Yes/No	
08/21/07		Perchlorate	139		ug/l	10
08/21/07		Total Dissolved Solid (TDS)	6400	500	mg/l	10

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Samples Received
 08/18/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-83 (2708180005) Sampled on 08/16/07 08:25								
	08/20/07 11:56	381890	(EPA 314)	Perchlorate	15700	ug/l	4000	1000
	08/23/07 19:11	382443	(ML/EPA 200.7)	Chromium, Total, ICAP	0.15	mg/l	0.010	1
08/23/07	08/23/07 13:00	382732	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	1070	mg/l	10	1
M-87 (2708180006) Sampled on 08/16/07 08:12								
	08/20/07 11:56	381890	(EPA 314)	Perchlorate	197000	ug/l	40000	10000
	08/28/07 14:51	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	2.4	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/23/07	08/23/07 13:00	382732	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2860	mg/l	10	1
PC-98R (2708180007) Sampled on 08/17/07 06:57								
	08/20/07 11:56	381890	(EPA 314)	Perchlorate	14300	ug/l	2000	500
	08/23/07 19:29	382443	(ML/EPA 200.7)	Chromium, Total, ICAP	0.024	mg/l	0.010	1
08/23/07	08/23/07 13:00	382732	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6960	mg/l	10	1
PC-86 (2708180008) Sampled on 08/15/07 08:32								
	08/20/07 11:56	381890	(EPA 314)	Perchlorate	1390	ug/l	400	100
	08/28/07 14:55	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/22/07	08/22/07 18:30	382352	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2700	mg/l	10	1
PC-90 (2708180009) Sampled on 08/15/07 08:48								
	08/20/07 11:56	381890	(EPA 314)	Perchlorate	14300	ug/l	800	200
	08/28/07 15:09	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/22/07	08/22/07 18:30	382352	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4600	mg/l	10	1



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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-56 (2708180010) Sampled on 08/13/07 09:25								
	08/21/07 12:14	382078	(EPA 314)	Perchlorate	1250	ug/l	400	100
	08/28/07 15:14	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/19/07	08/19/07 13:00	381866	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2040	mg/l	10	1
PC-58 (2708180011) Sampled on 08/13/07 09:19								
	08/21/07 12:14	382078	(EPA 314)	Perchlorate	7910	ug/l	400	100
	08/28/07 15:18	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	0.11	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/19/07	08/19/07 13:00	381866	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6550	mg/l	10	1
PC-59 (2708180012) Sampled on 08/13/07 09:38								
	08/20/07 11:56	381890	(EPA 314)	Perchlorate	5160	ug/l	800	200
	08/28/07 15:22	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/19/07	08/19/07 13:00	381866	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4620	mg/l	10	1
PC-60 (2708180013) Sampled on 08/13/07 09:32								
	08/20/07 11:56	381890	(EPA 314)	Perchlorate	6500	ug/l	400	100
	08/23/07 19:33	382443	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
08/19/07	08/19/07 13:00	381866	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3990	mg/l	10	1
PC-62 (2708180014) Sampled on 08/13/07 09:49								
	08/20/07 11:56	381890	(EPA 314)	Perchlorate	3690	ug/l	400	100
	08/28/07 15:06	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/19/07	08/19/07 13:00	381866	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3460	mg/l	10	1



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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-68 (2708180015)		Sampled on 08/13/07 09:56						
	08/20/07 11:56	381890	(EPA 314)	Perchlorate	174	ug/l	10	5
	08/28/07 15:31	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/19/07	08/19/07 13:00	381866	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2220	mg/l	10	1
PC-122 (2708180016)		Sampled on 08/14/07 09:14						
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	10000	ug/l	2000	500
	08/28/07 15:35	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	0.081	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/21/07	08/21/07 17:46	382170	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9550	mg/l	10	1
MWK-4 (2708180017)		Sampled on 08/15/07 10:44						
	08/21/07 12:14	382078	(EPA 314)	Perchlorate	109000	ug/l	20000	5000
	08/28/07 15:40	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	0.049	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/22/07	08/22/07 18:31	382356	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7570	mg/l	10	1
ARP-1 (2708180018)		Sampled on 08/15/07 10:04						
	08/21/07 12:14	382078	(EPA 314)	Perchlorate	826	ug/l	80	20
	08/28/07 15:45	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/22/07	08/22/07 18:31	382356	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5330	mg/l	10	1
ARP-2 (2708180019)		Sampled on 08/15/07 10:17						
	08/21/07 12:14	382078	(EPA 314)	Perchlorate	119	ug/l	20	5
	08/28/07 15:49	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	0.028	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/22/07	08/22/07 18:31	382356	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5750	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ARP-3 (2708180020)				Sampled on 08/15/07 10:29				
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	12800	ug/l	4000	1000
	08/28/07 16:09	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/22/07	08/22/07 18:31	382356	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6450	mg/l	10	1
ARP-7 (2708180021)				Sampled on 08/17/07 07:15				
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	4460	ug/l	400	100
	08/28/07 16:14	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	0.021	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/24/07	08/24/07 11:00	382959	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5820	mg/l	10	1
PC-53 (2708180022)				Sampled on 08/17/07 06:10				
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	2440	ug/l	400	100
	08/28/07 16:18	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	0.021	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/23/07	08/23/07 13:00	382732	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4470	mg/l	10	1
PC-103 (2708180023)				Sampled on 08/17/07 06:36				
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	7280	ug/l	800	200
	08/28/07 16:27	382990	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/23/07	08/23/07 13:00	382732	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5070	mg/l	10	1
MWK-5 (2708180024)				Sampled on 08/17/07 06:22				
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	11300	ug/l	4000	1000
	08/28/07 17:55	382991	(ML/EPA 200.7)	Chromium, Total, ICAP	0.019	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/23/07	08/23/07 13:00	382732	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6800	mg/l	10	1



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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-91 (2708180025)				Sampled on 08/15/07 09:02				
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	10000	ug/l	800	200
	08/28/07 17:59	382991	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/22/07	08/22/07 18:30	382352	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7280	mg/l	10	1
PC-95 (2708180026)				Sampled on 08/15/07 08:18				
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	140	ug/l	40	10
	08/28/07 18:04	382991	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/22/07	08/22/07 18:30	382352	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2520	mg/l	10	1
PC-97 (2708180027)				Sampled on 08/15/07 08:03				
	08/21/07 12:14	382078	(EPA 314)	Perchlorate	256	ug/l	40	10
	08/23/07 19:42	382443	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
08/22/07	08/22/07 18:30	382352	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2590	mg/l	10	1
PC-17 (2708180028)				Sampled on 08/15/07 09:26				
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	209000	ug/l	40000	10000
	08/23/07 19:46	382443	(ML/EPA 200.7)	Chromium, Total, ICAP	0.12	mg/l	0.010	1
08/22/07	08/22/07 18:30	382352	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	13200	mg/l	10	1
PC-18 (2708180029)				Sampled on 08/15/07 09:50				
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	192000	ug/l	40000	10000
	08/28/07 18:08	382991	(ML/EPA 200.7)	Chromium, Total, ICAP	0.13	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/22/07	08/22/07 18:31	382356	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8100(R1)	mg/l	10	1
PC-55 (2708180030)				Sampled on 08/14/07 07:45				
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	1080	ug/l	400	100
	08/23/07 19:38	382443	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
08/21/07	08/21/07 17:45	382165	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7050	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-101R (2708180031)				Sampled on 08/15/07 09:38				
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	185000	ug/l	40000	10000
	08/23/07 17:53	382443	(ML/EPA 200.7)	Chromium, Total, ICAP	0.077	mg/l	0.010	1
08/22/07	08/22/07 18:30	382352	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8900	mg/l	10	1
L-635 (2708180032)				Sampled on 08/14/07 08:14				
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	ND	ug/l	10	5
	08/23/07 16:48	382440	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
08/21/07	08/21/07 17:46	382170	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7230	mg/l	10	1
L-637 (2708180033)				Sampled on 08/14/07 08:45				
	08/21/07 00:15	381891	(EPA 314)	Perchlorate	139	ug/l	10	5
	08/28/07 18:13	382991	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	08/23/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
08/21/07	08/21/07 17:46	382170	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6400	mg/l	10	1



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QC Ref #381866 - Total Dissolved Solid (TDS) Analysis Date: 08/19/2007

2708180010	PC-56	Analyzed by: maria
2708180011	PC-58	Analyzed by: maria
2708180012	PC-59	Analyzed by: maria
2708180013	PC-60	Analyzed by: maria
2708180014	PC-62	Analyzed by: maria
2708180015	PC-68	Analyzed by: maria

QC Ref #381890 - Perchlorate Analysis Date: 08/20/2007

2708180005	M-83	Analyzed by: clv
2708180006	M-87	Analyzed by: clv
2708180007	PC-98R	Analyzed by: clv
2708180008	PC-86	Analyzed by: clv
2708180009	PC-90	Analyzed by: clv
2708180012	PC-59	Analyzed by: clv
2708180013	PC-60	Analyzed by: clv
2708180014	PC-62	Analyzed by: clv
2708180015	PC-68	Analyzed by: clv

QC Ref #381891 - Perchlorate Analysis Date: 08/21/2007

2708180016	PC-122	Analyzed by: clv
2708180020	ARP-3	Analyzed by: clv
2708180021	ARP-7	Analyzed by: clv
2708180022	PC-53	Analyzed by: clv
2708180023	PC-103	Analyzed by: clv
2708180024	MWK-5	Analyzed by: clv
2708180025	PC-91	Analyzed by: clv
2708180026	PC-95	Analyzed by: clv
2708180028	PC-17	Analyzed by: clv
2708180029	PC-18	Analyzed by: clv
2708180030	PC-55	Analyzed by: clv
2708180031	PC-101R	Analyzed by: clv
2708180032	L-635	Analyzed by: clv
2708180033	L-637	Analyzed by: clv



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QC Ref #382078 - Perchlorate

Analysis Date: 08/21/2007

2708180010	PC-56	Analyzed by: clv
2708180011	PC-58	Analyzed by: clv
2708180017	MWK-4	Analyzed by: clv
2708180018	ARP-1	Analyzed by: clv
2708180019	ARP-2	Analyzed by: clv
2708180027	PC-97	Analyzed by: clv

QC Ref #382165 - Total Dissolved Solid (TDS)

Analysis Date: 08/21/2007

2708180030	PC-55	Analyzed by: maria
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QC Ref #382170 - Total Dissolved Solid (TDS)

Analysis Date: 08/21/2007

2708180016	PC-122	Analyzed by: maria
2708180032	L-635	Analyzed by: maria
2708180033	L-637	Analyzed by: maria

QC Ref #382352 - Total Dissolved Solid (TDS)

Analysis Date: 08/22/2007

2708180008	PC-86	Analyzed by: maria
2708180009	PC-90	Analyzed by: maria
2708180025	PC-91	Analyzed by: maria
2708180026	PC-95	Analyzed by: maria
2708180027	PC-97	Analyzed by: maria
2708180028	PC-17	Analyzed by: maria
2708180031	PC-101R	Analyzed by: maria

QC Ref #382356 - Total Dissolved Solid (TDS)

Analysis Date: 08/22/2007

2708180017	MWK-4	Analyzed by: maria
2708180018	ARP-1	Analyzed by: maria
2708180019	ARP-2	Analyzed by: maria
2708180020	ARP-3	Analyzed by: maria
2708180029	PC-18	Analyzed by: maria



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Tronox LLC - Henderson
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QC Ref #382440 - Chromium, Total, ICAP

Analysis Date: 08/23/2007

2708180032

L-635

Analyzed by: dyh

QC Ref #382443 - Chromium, Total, ICAP

Analysis Date: 08/23/2007

2708180005

M-83

Analyzed by: dyh

2708180007

PC-98R

Analyzed by: dyh

2708180013

PC-60

Analyzed by: dyh

2708180027

PC-97

Analyzed by: dyh

2708180028

PC-17

Analyzed by: dyh

2708180030

PC-55

Analyzed by: dyh

2708180031

PC-101R

Analyzed by: dyh

QC Ref #382732 - Total Dissolved Solid (TDS)

Analysis Date: 08/23/2007

2708180005

M-83

Analyzed by: yvette

2708180006

M-87

Analyzed by: yvette

2708180007

PC-98R

Analyzed by: yvette

2708180022

PC-53

Analyzed by: yvette

2708180023

PC-103

Analyzed by: yvette

2708180024

MWK-5

Analyzed by: yvette

QC Ref #382959 - Total Dissolved Solid (TDS)

Analysis Date: 08/24/2007

2708180021

ARP-7

Analyzed by: yvette

QC Ref #382990 - Chromium, Total, ICAP

Analysis Date: 08/28/2007

2708180006

M-87

Analyzed by: wbh

2708180008

PC-86

Analyzed by: wbh

2708180009

PC-90

Analyzed by: wbh

2708180010

PC-56

Analyzed by: wbh

2708180011

PC-58

Analyzed by: wbh

2708180012

PC-59

Analyzed by: wbh

2708180014

PC-62

Analyzed by: wbh

2708180015

PC-68

Analyzed by: wbh

2708180016

PC-122

Analyzed by: wbh



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2708180017	MWK-4	Analyzed by: wbh
2708180018	ARP-1	Analyzed by: wbh
2708180019	ARP-2	Analyzed by: wbh
2708180020	ARP-3	Analyzed by: wbh
2708180021	ARP-7	Analyzed by: wbh
2708180022	PC-53	Analyzed by: wbh
2708180023	PC-103	Analyzed by: wbh

QC Ref #382991 - Chromium, Total, ICAP

Analysis Date: 08/28/2007

2708180024	MWK-5	Analyzed by: wbh
2708180025	PC-91	Analyzed by: wbh
2708180026	PC-95	Analyzed by: wbh
2708180029	PC-18	Analyzed by: wbh
2708180033	L-637	Analyzed by: wbh

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QC Ref #381866 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08130332	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	580	572	MGL		(0-10)	1.4
LCS1	Total Dissolved Solid (TDS)	175	182	MGL	104.0	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	638	MGL	91.1	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	104.000	91.143	MGL	13.2	(0-20)	

QC Ref #381890 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	08180005	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.7	UGL	106.8	(85-115)	
LCS2	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	
LCS3	Perchlorate	4	4.09	UGL	102.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.9	UGL	107.6	(80-120)	
MSD	Perchlorate	25.0	26.5	UGL	106.0	(80-120)	
RPD_LCS	Perchlorate	106.800	101.600	UGL	5.0	(0-15)	
RPD_MS	Perchlorate	107.600	106.000	UGL	1.0	(0-15)	

QC Ref #381891 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	08180025	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.1	UGL	96.4	(85-115)	
LCS2	Perchlorate	25.0	23.8	UGL	95.2	(85-115)	
LCS3	Perchlorate	4	4.23	UGL	105.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	27.6	UGL	110.4	(80-120)	
MSD	Perchlorate	25.0	25.4	UGL	101.6	(80-120)	

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RPD_LCS	Perchlorate	96.400	95.200	UGL	1.3	(0-15)
RPD_MS	Perchlorate	110.400	101.600	UGL	0.9	(0-15)

QC Ref #382078 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	08180010	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.1	UGL	100.4	(85-115)	
LCS2	Perchlorate	25.0	25.0	UGL	100.0	(85-115)	
LCS3	Perchlorate	4	3.95	UGL	98.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	27.0	UGL	108.0	(80-120)	
MSD	Perchlorate	25.0	25.3	UGL	101.2	(80-120)	
RPD_LCS	Perchlorate	100.400	100.000	UGL	0.4	(0-15)	
RPD_MS	Perchlorate	108.000	101.200	UGL	0.9	(0-15)	

QC Ref #382165 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08200060	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	26	26	MGL		(0-10)	0.0
LCS1	Total Dissolved Solid (TDS)	175	156	MGL	89.1	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	692	MGL	98.9	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	89.143	98.857	MGL	10.3	(0-20)	

QC Ref #382170 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08180032	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	7230	7220	MGL		(0-10)	0.1
LCS1	Total Dissolved Solid (TDS)	175	178	MGL	101.7	(80-114)	

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LCS2	Total Dissolved Solid (TDS)	700	698	MGL	99.7	(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)	101.714	99.714	MGL	2.0	(0-20)

QC Ref #382352 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08210303	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	31100	32700	MGL		(0-10)	5.0
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	726	MGL	103.7	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9.0	MGL	90.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	103.714	MGL	8.9	(0-20)	

QC Ref #382356 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08180029	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	8100	5750	MGL		(0-10)	<u>33.9</u>
LCS1	Total Dissolved Solid (TDS)	175	146	MGL	83.4	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	586	MGL	83.7	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	7.0	MGL	70.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	83.429	83.714	MGL	0.3	(0-20)	

QC Ref #382440 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.978	MGL	97.8	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.96	MGL	96.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			

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MRL_CHK	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.996	MGL	99.6	(70-130)	

QC Ref #382443 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.990	MGL	99.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.993	MGL	99.3	(70-130)	
MS2	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.990	MGL	99.0	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	

QC Ref #382732 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08160284	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	718	760	MGL		(0-10)	5.7
LCS1	Total Dissolved Solid (TDS)	175	174	MGL	99.4	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	688	MGL	98.3	(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)	99.429	98.286	MGL	1.2	(0-20)	

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QC Ref #382959 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08200053	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	148	158	MGL		(0-10)	6.5
LCS1	Total Dissolved Solid (TDS)	175	176	MGL	100.6	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	692	MGL	98.9	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	100.571	98.857	MGL	1.7	(0-20)	

QC Ref #382990 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.96	MGL	96.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.994	MGL	99.4	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.01	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.99	MGL	99.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.991	MGL	99.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	1.0	MGL	100.0	(70-130)	

QC Ref #382991 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.955	MGL	95.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.01	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.969	MGL	96.9	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.992	MGL	99.2	(70-130)	

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MSD	Chromium, Total, ICAP	1.00	0.96	MGL	96.0	(70-130)
MSD2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)

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