



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)

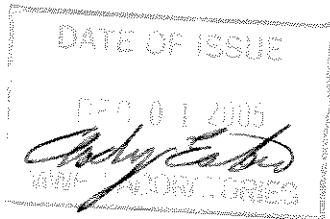
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley
Fax: 702-651-2310



ADE Andy Eaton
Project Manager



Report#: 160271
CLO4

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 22 page[s].



160271

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

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: MP

SAMPLE TEMP, RECEIPT AT LAB: 52

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

Quarternary Groundwater Sampling

Schedule B

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

SAMPLER Comments

CR

DH

EC

CLO4

CR6

TDS

See Bottle Order

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

Bottles

KERRMCGEE-MP
Sampler Michele Brown
Kerr-McGee Chemical LLC
PO Box 55
Henderson, NV 89009

Susan Crowley (702) 651-2234

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP
908	10-31-05		M-94	RGW	X	
936	10-31-05		PC-54	RGW	X	
948	10-31-05		M-48	RGW	X	
1018	10-31-05		M-44	RGW	X	
1032	10-31-05		PC-11	RGW	X	
1042	10-31-05		PC-12	RGW	X	
1100	10-31-05		PC-13	RGW	X	
1119	10-31-05		PC-37	RGW	X	
1136	10-31-05		M-23	RGW	X	
	10-31-05		MD-1	RGW	X	
	10-31-05		MD-3	RGW	X	
1627	10-31-05		FB	RGW	X	

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CR	DH	EC	CLO4	CR6	TDS	SAMPLER Comments
908	10-31-05		M-94	RGW	X		X	X	X	X	X	X	4 Bottles
936	10-31-05		PC-54	RGW	X		X	X	X	X	X	X	2 Bottles
948	10-31-05		M-48	RGW	X		X	X	X	X	X	X	2 Bottles
1018	10-31-05		M-44	RGW	X		X	X	X	X	X	X	4 Bottles
1032	10-31-05		PC-11	RGW	X		X	X	X	X	X	X	2 Bottles
1042	10-31-05		PC-12	RGW	X		X	X	X	X	X	X	2 Bottles
1100	10-31-05		PC-13	RGW	X		X	X	X	X	X	X	2 Bottles
1119	10-31-05		PC-37	RGW	X		X	X	X	X	X	X	2 Bottles
1136	10-31-05		M-23	RGW	X		X	X	X	X	X	X	2 Bottles
	10-31-05		MD-1	RGW	X		X	X	X	X	X	X	2 Bottles
	10-31-05		MD-3	RGW	X		X	X	X	X	X	X	4 Bottles
1627	10-31-05		FB	RGW	X		X	X	X	X	X	X	4 Bottles

Reported by Volume:

CFW = Chloro(am)inated Finished Water

FW = Other Finished Water

RGW = Raw Ground Water

RSW = Raw Surface Water

Reported by Weight:

SO = Soil

SL = Sludge

CWW = Chlorinated Waste Water

VW = Other Waste Water

SW = Storm Water

SIGNATURE

RELINQUISHED BY: Michele Brown
RECEIVED BY: MP
RELINQUISHED BY: Mike R.
RECEIVED BY:

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water NA for Kerr-McGee Chemical LLC

DATE

10-31-05

TIME

12:00PM



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: PC

SAMPLE TEMP, RECEIPT AT LAB: 8°C

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

Quarterly Groundwater Sampling

Schedule B

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

KERRMCGEE-MP

Sampler Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

Kerr-McGee Chemical LLC
PO Box 55
Henderson, NV 89009

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CR	PH	EC	CL04	CR6	TDS	See Bottle Order	SAMPLER Comments
537	10-31-05		PC-123	RGW	X		X	X	X	X				2 Bottles
558	10-31-05		PC-124	RGW	X		X	X	X	X				2 Bottles
612	10-31-05		PC-125	RGW	X		X	X	X	X				2 Bottles
627	10-31-05		PC-126	RGW	X		X	X	X	X				2 Bottles
641	10-31-05		PC-127	RGW	X		X	X	X	X				2 Bottles
656	10-31-05		PC-128	RGW	X		X	X	X	X				2 Bottles
712	10-31-05		PC-129	RGW	X		X	X	X	X				2 Bottles
733	10-31-05		PC-130	RGW	X		X	X	X	X				2 Bottles
750	10-31-05		PC-131	RGW	X		X	X	X	X				2 Bottles
807	10-31-05		PC-132	RGW	X		X	X	X	X				2 Bottles
831	10-31-05		M-96	RGW	X		X	X	X	X				2 Bottles
844	10-31-05		M-95	RGW	X		X	X	X	X				2 Bottles

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated 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

PRINT NAME

Michele Brown

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

COMPANY/TITLE

Veolia Water NA for Kerr-McGee Chemical LLC

TIME

10-31-05 12:00PM

Mike R.
SCANNED



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 Tronox, 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#
Blanket PO

Q Quarterly
Week 1
Period

SO# 16962 16962 RS

Created by LXG 1

Sampler: Please Return this Paper with your samples

Ship Sample Kits to
Tronox LLC-Veolia Water
Gate 1
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to
Tronox, LLC, Henderson Plant
P.O. Box 55
Henderson, NV 89009

Billing Address
Tronox, LLC
P.O. Box 3049
Livonia, MI 48150

ATTN: Susan Crowley
PHONE: 702-651-2234

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

Quote#
LXG

of Samples Tests

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

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
101	CR	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	QUARTERLY SAMPLING - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS bottle order revised 10-26 to go to 101 bottles from 90 - order for Q1, Q3, and Q4
101	CLO4, EC, PH	1 125ml poly /no preservative AMBER IF WITH CLO3I		
15	CR-VI	1 125ml poly acid rinsed/ no preservative		
15	TDS	1 500ml poly/ no preservative		

ActiveCode 5 Status Date Shipped Carrier Qty of Coolers Tracking Number Prepared By

SCANNED

5THIS 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: 141623

RECEIVED subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading.

From: KERR-McGEE CHEMICAL CORPORATION

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 Federal Express		Date 10/31/05	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 xx <input type="checkbox"/> Prepaid <input type="checkbox"/> Collect		FULL NAME OF SHIPPER KERR-McGEE CHEMICAL LLC		
N/AR		CUSTOMER PO OR REQ'N NO.	CODE NO. WCN IF 1321.10400 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.	
SHIPPED FROM Henderson, NV				
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY	
	Quarterly Monitoring Well Samples		1 COOLER	
	One ice chest @ 54 lbs			
	Not Regulated		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. KERR-McGEE CHEMICAL LLC	
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 54	TOTAL TARE WEIGHT 0	54	
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.				

KERR-McGEE CHEMICAL LLC
Shipper permanent post office address of shipper, Oklahoma City, OK 73125

PER

Olga Maestas

AGENT

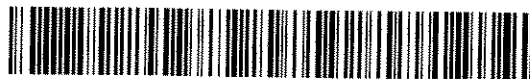
PER

From: Origin ID: (702)651-2220
KERR-MCGEE CHEMICAL
KERR-MCGEE CHEMICAL
8000 LAKE MEAD DRIVE
SHIPPING DEPARTMENT
HENDERSON, NV 89015



Ship Date: 31OCT05
Actual Wgt: 54 LB
System#: 2274147/INET2300
Account#: S *****

REF: MSO# 141623

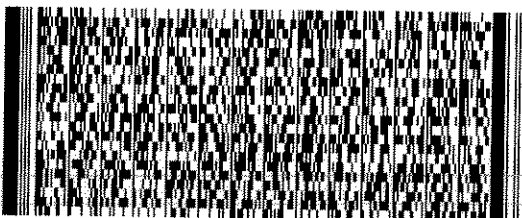


Delivery Address Bar Code

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

CLS98130508/15

SCANNED



PRIORITY OVERNIGHT

TUE

TRK# 7906 9688 0948

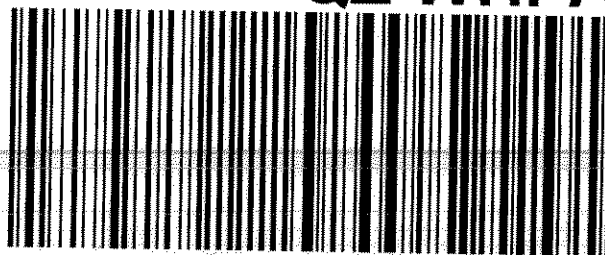
FORM 0201

Deliver By:
01NOV05

BUR A2

91016 -CA-US

QZ WHPA



Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page to your laser or inkjet printer.

2. Fold the printed page along the horizontal line.

3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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

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



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

Report
Comments
#160271

Client Specific Comments

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

Client Signature: _____

(QC Ref#: 2511010406)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2511010411)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2511010424)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2511010426)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.



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Laboratory
 Hits Report
 #160271

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

Samples Received
 01-nov-2005 18:17:33

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511010406	M-94				
11/09/05	Chromium, Total, ICAP		1.1		mg/l	0.05
11/01/05	Hexavalent chromium (Cr VI)		0.12		mg/l	0.05
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/16/05	Perchlorate		970000		ug/l	200000
11/04/05	Specific Conductance		9060		umho/cm	2
11/04/05	Total Dissolved Solid (TDS)		8150	500	mg/l	10
	2511010408	PC-54				
11/09/05	Chromium, Total, ICAP		3.9		mg/l	0.05
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.5	6.5-8.5	Units	0.001
11/16/05	Perchlorate		570000		ug/l	40000
11/04/05	Specific Conductance		7880		umho/cm	2
	2511010410	M-48				
11/08/05	Chromium, Total, ICAP		2		mg/l	0.02
11/04/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/16/05	Perchlorate		290000		ug/l	80000
11/04/05	Specific Conductance		4470		umho/cm	2
	2511010411	M-44				
11/08/05	Chromium, Total, ICAP		0.99		mg/l	0.02
11/01/05	Hexavalent chromium (Cr VI)		0.11		mg/l	0.05
11/04/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/16/05	Perchlorate		850000		ug/l	200000
11/04/05	Specific Conductance		9280		umho/cm	2

SUMMARY OF POSITIVE DATA ONLY.



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#160271

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

Samples Received
01-nov-2005 18:17:33

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511010411	M-44				
11/04/05	Total Dissolved Solid (TDS)		8130	500	mg/l	10
	2511010413	PC-71				
11/09/05	Chromium, Total, ICAP		0.65		mg/l	0.05
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/16/05	Perchlorate		730000		ug/l	200000
11/04/05	Specific Conductance		9290		umho/cm	2
	2511010420	PC-72				
11/09/05	Chromium, Total, ICAP		0.38		mg/l	0.02
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/16/05	Perchlorate		480000		ug/l	80000
11/04/05	Specific Conductance		8380		umho/cm	2
	2511010421	PC-73				
11/08/05	Chromium, Total, ICAP		0.37		mg/l	0.02
11/04/05	PH (H1=past HT, not compliant)		7.7	6.5-8.5	Units	0.001
11/16/05	Perchlorate		460000		ug/l	40000
11/04/05	Specific Conductance		8030		umho/cm	2
	2511010422	PC-37				
11/08/05	Chromium, Total, ICAP		0.17		mg/l	0.02
11/04/05	PH (H1=past HT, not compliant)		7.7	6.5-8.5	Units	0.001
11/17/05	Perchlorate		320000		ug/l	40000

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 Henderson, NV 89009

Samples Received
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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511010422	PC-37				
11/04/05	Specific Conductance		8240		umho/cm	2
	2511010423	M-23				
11/08/05	Chromium, Total, ICAP		1.1		mg/l	0.02
11/04/05	PH (H1=past HT, not compliant)		7.8	6.5-8.5	Units	0.001
11/16/05	Perchlorate		620000		ug/l	80000
11/04/05	Specific Conductance		5750		umho/cm	2
	2511010424	MD-1				
11/09/05	Chromium, Total, ICAP		1.0		mg/l	0.05
11/01/05	Hexavalent chromium (Cr VI)		0.12		mg/l	0.05
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
11/16/05	Perchlorate		970000		ug/l	200000
11/04/05	Specific Conductance		9080		umho/cm	2
11/03/05	Total Dissolved Solid (TDS)		9500	500	mg/l	10
	2511010425	MD-3				
11/09/05	Chromium, Total, ICAP		0.48		mg/l	0.02
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
11/17/05	Perchlorate		410000		ug/l	40000
11/04/05	Specific Conductance		6920		umho/cm	2
	2511010426	FB				
11/04/05	PH (H1=past HT, not compliant)		8.1	6.5-8.5	Units	0.001

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511010426	FB				
11/04/05	Specific Conductance		102		umho/cm	2
	2511010427	PC-123				
11/09/05	Chromium, Total, ICAP		1.2		mg/l	0.02
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.5	6.5-8.5	Units	0.001
11/17/05	Perchlorate		320000		ug/l	40000
11/04/05	Specific Conductance		9150		umho/cm	2
	2511010429	PC-124				
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/17/05	Perchlorate		4000		ug/l	400
11/04/05	Specific Conductance		6320		umho/cm	2
	2511010430	PC-125				
11/09/05	Chromium, Total, ICAP		0.033		mg/l	0.02
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.5	6.5-8.5	Units	0.001
11/17/05	Perchlorate		5000		ug/l	400
11/04/05	Specific Conductance		6860		umho/cm	2
	2511010431	PC-126				
11/09/05	Chromium, Total, ICAP		0.069		mg/l	0.02
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.2	6.5-8.5	Units	0.001

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Laboratory
Hits Report
#160271

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

Samples Received
01-nov-2005 18:17:33

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511010431	PC-126				
11/17/05	Perchlorate		10000		ug/l	800
11/04/05	Specific Conductance		12200		umho/cm	2
	2511010432	PC-127				
11/09/05	Chromium, Total, ICAP		1.2		mg/l	0.05
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/17/05	Perchlorate		360000		ug/l	40000
11/04/05	Specific Conductance		8890		umho/cm	2
	2511010433	PC-128				
11/08/05	Chromium, Total, ICAP		0.053		mg/l	0.02
11/04/05	PH (H1=past HT, not compliant)		7.7	6.5-8.5	Units	0.001
11/17/05	Perchlorate		110000		ug/l	20000
11/04/05	Specific Conductance		6060		umho/cm	2
	2511010434	PC-129				
11/09/05	Chromium, Total, ICAP		0.47		mg/l	0.05
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/17/05	Perchlorate		380000		ug/l	20000
11/04/05	Specific Conductance		6830		umho/cm	2
	2511010435	PC-130				
11/08/05	Chromium, Total, ICAP		0.52		mg/l	0.02
11/04/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001

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Samples Received
 01-nov-2005 18:17:33

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511010435	PC-130				
11/17/05	Perchlorate		420000		ug/l	40000
11/04/05	Specific Conductance		6880		umho/cm	2
	2511010436	PC-131				
11/04/05	PH (H1=past HT, not compliant)		7.3	6.5-8.5	Units	0.001
11/17/05	Perchlorate		38000		ug/l	2000
11/04/05	Specific Conductance		12900		umho/cm	2
	2511010437	PC-132				
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.3	6.5-8.5	Units	0.001
11/17/05	Perchlorate		13000		ug/l	2000
11/04/05	Specific Conductance		12300		umho/cm	2
	2511010438	M-96				
11/09/05	Chromium, Total, ICAP		2.5		mg/l	0.05
11/08/05	Metals digestion performed.		Y		Yes/No	
11/04/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
11/17/05	Perchlorate		610000		ug/l	200000
11/04/05	Specific Conductance		8530		umho/cm	2
	2511010439	M-95				
11/08/05	Chromium, Total, ICAP		2.6		mg/l	0.02
11/04/05	PH (H1=past HT, not compliant)		7.5	6.5-8.5	Units	0.001
11/17/05	Perchlorate		800000		ug/l	200000
11/04/05	Specific Conductance		9370		umho/cm	2

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Laboratory
Hits Report
#160271

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

Samples Received
01-nov-2005 18:17:33

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
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	2511010439	M-95				
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 Data Report
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Samples Received
 11/01/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-94 (2511010406) Sampled on 10/31/05 09:08								
	11/16/05 20:22	296273	(EPA 314)	Perchlorate	970000	ug/l	200000	50000
	11/09/05 17:12	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	1.1	mg/l	0.05	5
	11/01/05 00:00	294077	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.12(H3)	mg/l	0.05	10
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:03	293786	(2510B/ SW9050)	Specific Conductance	9060	umho/cm	2	1
	11/04/05 00:00	293922	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
11/04/05	11/04/05 11:00	293831	(SM 2540C)	Total Dissolved Solid (TDS)	8150	mg/l	10	1
PC-54 (2511010408) Sampled on 10/31/05 09:26								
	11/16/05 20:56	296273	(EPA 314)	Perchlorate	570000	ug/l	40000	10000
	11/09/05 17:16	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	3.9	mg/l	0.05	5
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:03	293786	(2510B/ SW9050)	Specific Conductance	7880	umho/cm	2	1
	11/04/05 00:00	293922	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.5	Units	0.001	1
M-48 (2511010410) Sampled on 10/31/05 09:48								
	11/16/05 21:13	296273	(EPA 314)	Perchlorate	290000	ug/l	80000	20000
	11/08/05 20:06	294221	(MWH200.7/6010B)	Chromium, Total, ICAP	2	mg/l	0.02	2
	11/04/05 12:03	293786	(2510B/ SW9050)	Specific Conductance	4470	umho/cm	2	1
	11/04/05 00:00	293922	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
M-44 (2511010411) Sampled on 10/31/05 10:18								
	11/16/05 21:30	296273	(EPA 314)	Perchlorate	850000	ug/l	200000	50000
	11/08/05 19:00	294221	(MWH200.7/6010B)	Chromium, Total, ICAP	0.99	mg/l	0.02	2
	11/01/05 00:00	294077	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.11(H3)	mg/l	0.05	10
	11/04/05 12:03	293786	(2510B/ SW9050)	Specific Conductance	9280	umho/cm	2	1
	11/04/05 00:00	293922	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
11/04/05	11/04/05 11:00	293831	(SM 2540C)	Total Dissolved Solid (TDS)	8130	mg/l	10	1



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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-71 (2511010413) Sampled on 10/31/05 10:32								
	11/16/05 21:47	296273	(EPA 314)	Perchlorate	730000	ug/l	200000	50000
	11/09/05 17:20	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	0.65	mg/l	0.05	5
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:03	293786	(2510B/ SW9050)	Specific Conductance	9290	umho/cm	2	1
	11/04/05 00:00	293922	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
PC-72 (2511010420) Sampled on 10/31/05 10:42								
	11/16/05 22:04	296273	(EPA 314)	Perchlorate	480000	ug/l	80000	20000
	11/09/05 17:24	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	0.38	mg/l	0.02	2
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:03	293786	(2510B/ SW9050)	Specific Conductance	8380	umho/cm	2	1
	11/04/05 00:00	293923	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
PC-73 (2511010421) Sampled on 10/31/05 11:00								
	11/16/05 22:38	296273	(EPA 314)	Perchlorate	460000	ug/l	40000	10000
	11/08/05 19:04	294221	(MWH200.7/6010B)	Chromium, Total, ICAP	0.37	mg/l	0.02	2
	11/04/05 12:03	293786	(2510B/ SW9050)	Specific Conductance	8030	umho/cm	2	1
	11/04/05 00:00	293923	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.7	Units	0.001	1
PC-37 (2511010422) Sampled on 10/31/05 11:19								
	11/17/05 16:42	296274	(EPA 314)	Perchlorate	320000	ug/l	40000	10000
	11/08/05 20:02	294221	(MWH200.7/6010B)	Chromium, Total, ICAP	0.17	mg/l	0.02	2
	11/04/05 12:03	293786	(2510B/ SW9050)	Specific Conductance	8240	umho/cm	2	1
	11/04/05 00:00	293923	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.7	Units	0.001	1
M-23 (2511010423) Sampled on 10/31/05 11:36								
	11/16/05 23:12	296273	(EPA 314)	Perchlorate	620000	ug/l	80000	20000
	11/08/05 19:49	294221	(MWH200.7/6010B)	Chromium, Total, ICAP	1.1	mg/l	0.02	2
	11/04/05 12:03	293786	(2510B/ SW9050)	Specific Conductance	5750	umho/cm	2	1
	11/04/05 00:00	293923	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.8	Units	0.001	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
MD-1 (2511010424)		Sampled on 10/31/05 00:00						
	11/16/05 23:29	296273	(EPA 314)	Perchlorate	970000	ug/l	200000	50000
	11/09/05 17:44	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	1.0	mg/l	0.05	5
	11/01/05 00:00	294077	(MWH SW7196)	Hexavalent chromium (Cr VI)	0.12 (H3)	mg/l	0.05	10
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:19	293787	(2510B/ SW9050)	Specific Conductance	9080	umho/cm	2	1
	11/04/05 00:00	293920	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.4	Units	0.001	1
11/03/05	11/03/05 11:00	293829	(SM 2540C)	Total Dissolved Solid (TDS)	9500	mg/l	10	1
MD-3 (2511010425)		Sampled on 10/31/05 00:00						
	11/17/05 17:33	296274	(EPA 314)	Perchlorate	410000	ug/l	40000	10000
	11/09/05 17:49	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	0.48	mg/l	0.02	2
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:19	293787	(2510B/ SW9050)	Specific Conductance	6920	umho/cm	2	1
	11/04/05 00:00	293920	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.4	Units	0.001	1
FB (2511010426)		Sampled on 10/31/05 06:27						
	11/17/05 00:03	296273	(EPA 314)	Perchlorate	ND	ug/l	4	1
	11/08/05 19:23	294221	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.01	1
	11/01/05 00:00	294077	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND (H3)	mg/l	0.005	1
	11/04/05 12:19	293787	(2510B/ SW9050)	Specific Conductance	102	umho/cm	2	1
	11/04/05 00:00	293921	(4500HB/ E 150)	PH (H1=past HT, not compliant)	8.1	Units	0.001	1
11/04/05	11/04/05 11:00	293831	(SM 2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1
PC-123 (2511010427)		Sampled on 10/31/05 05:37						
	11/17/05 00:20	296273	(EPA 314)	Perchlorate	320000	ug/l	40000	10000
	11/09/05 17:52	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	1.2	mg/l	0.02	2
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:19	293787	(2510B/ SW9050)	Specific Conductance	9150	umho/cm	2	1
	11/04/05 00:00	293921	(4500HB/ E 150)	PH (H1=past HT, not compliant)	7.5	Units	0.001	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-124 (2511010429) Sampled on 10/31/05 05:58								
	11/17/05 00:54	296273	(EPA 314)	Perchlorate	4000	ug/l	400	100
	11/09/05 17:56	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.02	2
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:19	293787	(2510B/ SW9050)	Specific Conductance	6320	umho/cm	2	1
	11/04/05 00:00	293921	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
PC-125 (2511010430) Sampled on 10/31/05 06:12								
	11/17/05 01:11	296273	(EPA 314)	Perchlorate	5000	ug/l	400	100
	11/09/05 18:00	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	0.033	mg/l	0.02	2
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:19	293787	(2510B/ SW9050)	Specific Conductance	6860	umho/cm	2	1
	11/04/05 00:00	293921	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.5	Units	0.001	1
PC-126 (2511010431) Sampled on 10/31/05 06:27								
	11/17/05 13:38	296274	(EPA 314)	Perchlorate	10000	ug/l	800	200
	11/09/05 18:04	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	0.069	mg/l	0.02	2
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:19	293787	(2510B/ SW9050)	Specific Conductance	12200	umho/cm	2	1
	11/04/05 00:00	293921	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.2	Units	0.001	1
PC-127 (2511010432) Sampled on 10/31/05 06:41								
	11/17/05 13:55	296274	(EPA 314)	Perchlorate	360000	ug/l	40000	10000
	11/09/05 18:07	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	1.2	mg/l	0.05	5
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:19	293787	(2510B/ SW9050)	Specific Conductance	8890	umho/cm	2	1
	11/04/05 00:00	293921	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.6	Units	0.001	1
PC-128 (2511010433) Sampled on 10/31/05 06:56								
	11/17/05 14:12	296274	(EPA 314)	Perchlorate	110000	ug/l	20000	5000
	11/08/05 19:58	294221	(MWH200.7/6010B)	Chromium, Total, ICAP	0.053	mg/l	0.02	2
	11/04/05 12:19	293787	(2510B/ SW9050)	Specific Conductance	6060	umho/cm	2	1
	11/04/05 00:00	293921	(4500HB/ E 150)	PH (Hl=past HT, not compliant)	7.7	Units	0.001	1



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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-129 (2511010434) Sampled on 10/31/05 07:12								
	11/17/05 14:29	296274	(EPA 314)	Perchlorate	380000	ug/l	20000	5000
	11/09/05 18:11	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	0.47	mg/l	0.05	5
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:19	293787	(2510B/ SW9050)	Specific Conductance	6830	umho/cm	2	1
	11/04/05 00:00	293921	(4500HB/ E 150)	PH (H1-past HT, not compliant)	7.6	Units	0.001	1
PC-130 (2511010435) Sampled on 10/31/05 07:33								
	11/17/05 14:46	296274	(EPA 314)	Perchlorate	420000	ug/l	40000	10000
	11/08/05 19:12	294221	(MWH200.7/6010B)	Chromium, Total, ICAP	0.52	mg/l	0.02	2
	11/04/05 12:36	293788	(2510B/ SW9050)	Specific Conductance	6880	umho/cm	2	1
	11/04/05 00:00	293922	(4500HB/ E 150)	PH (H1-past HT, not compliant)	7.4	Units	0.001	1
PC-131 (2511010436) Sampled on 10/31/05 07:50								
	11/17/05 15:03	296274	(EPA 314)	Perchlorate	38000	ug/l	2000	500
	11/08/05 19:08	294221	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.05	5
	11/04/05 12:36	293788	(2510B/ SW9050)	Specific Conductance	12900	umho/cm	2	1
	11/04/05 00:00	293922	(4500HB/ E 150)	PH (H1-past HT, not compliant)	7.3	Units	0.001	1
PC-132 (2511010437) Sampled on 10/31/05 08:04								
	11/17/05 15:20	296274	(EPA 314)	Perchlorate	13000	ug/l	2000	500
	11/09/05 18:15	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	ND	mg/l	0.02	2
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:36	293788	(2510B/ SW9050)	Specific Conductance	12300	umho/cm	2	1
	11/04/05 00:00	293922	(4500HB/ E 150)	PH (H1-past HT, not compliant)	7.3	Units	0.001	1
M-96 (2511010438) Sampled on 10/31/05 08:31								
	11/17/05 15:37	296274	(EPA 314)	Perchlorate	610000	ug/l	200000	50000
	11/09/05 18:19	294465	(MWH200.7/6010B)	Chromium, Total, ICAP	2.5	mg/l	0.05	5
	11/08/05 14:51		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:36	293788	(2510B/ SW9050)	Specific Conductance	8530	umho/cm	2	1
	11/04/05 00:00	293922	(4500HB/ E 150)	PH (H1-past HT, not compliant)	7.4	Units	0.001	1



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 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-95 (2511010439)				Sampled on 10/31/05 08:44				
	11/17/05 15:54	296274	(EPA 314)	Perchlorate	800000	ug/l	200000	50000
	11/08/05 19:54	294221	(MWH200.7/6010B)	Chromium, Total, ICAP	2.6	mg/l	0.02	2
	11/04/05 12:36	293788	(2510B/ SW9050)	Specific Conductance	9370	umho/cm	2	1
	11/04/05 00:00	293922	(4500HB/ E 150)	PH (HI-past HT, not compliant)	7.5	Units	0.001	1



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QC Ref #293786 - Specific Conductance

Analysis Date: 11/04/2005

2511010406	M-94	Analyzed by: sar
2511010408	PC-54	Analyzed by: sar
2511010410	M-48	Analyzed by: sar
2511010411	M-44	Analyzed by: sar
2511010413	PC-71	Analyzed by: sar
2511010420	PC-72	Analyzed by: sar
2511010421	PC-73	Analyzed by: sar
2511010422	PC-37	Analyzed by: sar
2511010423	M-23	Analyzed by: sar

QC Ref #293787 - Specific Conductance

Analysis Date: 11/04/2005

2511010424	MD-1	Analyzed by: sar
2511010425	MD-3	Analyzed by: sar
2511010426	FB	Analyzed by: sar
2511010427	PC-123	Analyzed by: sar
2511010429	PC-124	Analyzed by: sar
2511010430	PC-125	Analyzed by: sar
2511010431	PC-126	Analyzed by: sar
2511010432	PC-127	Analyzed by: sar
2511010433	PC-128	Analyzed by: sar
2511010434	PC-129	Analyzed by: sar

QC Ref #293788 - Specific Conductance

Analysis Date: 11/04/2005

2511010435	PC-130	Analyzed by: sar
2511010436	PC-131	Analyzed by: sar
2511010437	PC-132	Analyzed by: sar
2511010438	M-96	Analyzed by: sar
2511010439	M-95	Analyzed by: sar

QC Ref #293829 - Total Dissolved Solid (TDS)

Analysis Date: 11/03/2005

2511010424	MD-1	Analyzed by: lmr
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Tronox LLC - Henderson
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QC Ref #293831 - Total Dissolved Solid (TDS) Analysis Date: 11/04/2005

2511010406	M-94	Analyzed by: lmr
2511010411	M-44	Analyzed by: lmr
2511010426	FB	Analyzed by: lmr

QC Ref #293920 - PH (H1=past HT, not compliant) Analysis Date: 11/04/2005

2511010424	MD-1	Analyzed by: aide
2511010425	MD-3	Analyzed by: aide

QC Ref #293921 - PH (H1=past HT, not compliant) Analysis Date: 11/04/2005

2511010426	FB	Analyzed by: aide
2511010427	PC-123	Analyzed by: aide
2511010429	PC-124	Analyzed by: aide
2511010430	PC-125	Analyzed by: aide
2511010431	PC-126	Analyzed by: aide
2511010432	PC-127	Analyzed by: aide
2511010433	PC-128	Analyzed by: aide
2511010434	PC-129	Analyzed by: aide

QC Ref #293922 - PH (H1=past HT, not compliant) Analysis Date: 11/04/2005

2511010406	M-94	Analyzed by: aide
2511010408	PC-54	Analyzed by: aide
2511010410	M-48	Analyzed by: aide
2511010411	M-44	Analyzed by: aide
2511010413	PC-71	Analyzed by: aide
2511010435	PC-130	Analyzed by: aide
2511010436	PC-131	Analyzed by: aide
2511010437	PC-132	Analyzed by: aide
2511010438	M-96	Analyzed by: aide
2511010439	M-95	Analyzed by: aide



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Tronox LLC - Henderson
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QC Ref #293923 - PH (H1=past HT, not compliant) Analysis Date: 11/04/2005

2511010420	PC-72	Analyzed by: aide
2511010421	PC-73	Analyzed by: aide
2511010422	PC-37	Analyzed by: aide
2511010423	M-23	Analyzed by: aide

QC Ref #294077 - Hexavalent chromium (Cr VI) Analysis Date: 11/01/2005

2511010406	M-94	Analyzed by: dtn
2511010411	M-44	Analyzed by: dtn
2511010424	MD-1	Analyzed by: dtn
2511010426	FB	Analyzed by: dtn

QC Ref #294221 - Chromium, Total, ICAP Analysis Date: 11/08/2005

2511010410	M-48	Analyzed by: wbh
2511010411	M-44	Analyzed by: wbh
2511010421	PC-73	Analyzed by: wbh
2511010422	PC-37	Analyzed by: wbh
2511010423	M-23	Analyzed by: wbh
2511010426	FB	Analyzed by: wbh
2511010433	PC-128	Analyzed by: wbh
2511010435	PC-130	Analyzed by: wbh
2511010436	PC-131	Analyzed by: wbh
2511010439	M-95	Analyzed by: wbh

QC Ref #294465 - Chromium, Total, ICAP Analysis Date: 11/09/2005

2511010406	M-94	Analyzed by: wbh
2511010408	PC-54	Analyzed by: wbh
2511010413	PC-71	Analyzed by: wbh
2511010420	PC-72	Analyzed by: wbh
2511010424	MD-1	Analyzed by: wbh
2511010425	MD-3	Analyzed by: wbh
2511010427	PC-123	Analyzed by: wbh
2511010429	PC-124	Analyzed by: wbh
2511010430	PC-125	Analyzed by: wbh
2511010431	PC-126	Analyzed by: wbh



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Tronox LLC - Henderson
(continued)

2511010432	PC-127	Analyzed by: wbh
2511010434	PC-129	Analyzed by: wbh
2511010437	PC-132	Analyzed by: wbh
2511010438	M-96	Analyzed by: wbh

QC Ref #296273 - Perchlorate

Analysis Date: 11/16/2005

2511010406	M-94	Analyzed by: bxs
2511010408	PC-54	Analyzed by: bxs
2511010410	M-48	Analyzed by: bxs
2511010411	M-44	Analyzed by: bxs
2511010413	PC-71	Analyzed by: bxs
2511010420	PC-72	Analyzed by: bxs
2511010421	PC-73	Analyzed by: bxs
2511010423	M-23	Analyzed by: bxs
2511010424	MD-1	Analyzed by: bxs
2511010426	FB	Analyzed by: bxs
2511010427	PC-123	Analyzed by: bxs
2511010429	PC-124	Analyzed by: bxs
2511010430	PC-125	Analyzed by: bxs

QC Ref #296274 - Perchlorate

Analysis Date: 11/17/2005

2511010422	PC-37	Analyzed by: bxs
2511010425	MD-3	Analyzed by: bxs
2511010431	PC-126	Analyzed by: bxs
2511010432	PC-127	Analyzed by: bxs
2511010433	PC-128	Analyzed by: bxs
2511010434	PC-129	Analyzed by: bxs
2511010435	PC-130	Analyzed by: bxs
2511010436	PC-131	Analyzed by: bxs
2511010437	PC-132	Analyzed by: bxs
2511010438	M-96	Analyzed by: bxs
2511010439	M-95	Analyzed by: bxs

Tronox LLC - Henderson

QC Ref #293786 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	5750	5710	UMHO		(0-20)	0.7
MRL_CHK	Specific Conductance	10.0	11.0	UMHO	110.0	(50-150)	

QC Ref #293787 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	6830	6800	UMHO		(0-20)	0.4
MRL_CHK	Specific Conductance	10.0	11.0	UMHO	110.0	(50-150)	

QC Ref #293788 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	15000	15000	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	10.0	11.0	UMHO	110.0	(50-150)	

QC Ref #293829 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	10310005	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	302	308	MGL		(0-10)	2.0
LCS1	Total Dissolved Solid (TDS)	175	176	MGL	100.6	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	696	MGL	99.4	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	12	MGL	120.0	(50-150)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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QC Ref #293831 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	11010522	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6340	6270	MGL		(0-10)	1.1
LCS1	Total Dissolved Solid (TDS)	175	185	MGL	105.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	708	MGL	101.1	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)	

QC Ref #293920 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.7	7.7	UNIT		(0-20)	0.0

QC Ref #293921 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

QC Ref #293922 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

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QC Ref #293923

PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	8.3	8.3	UNIT		(0-20)	0.0

QC Ref #294077

Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	11010426	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.048	MGL	96.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.049	MGL	98.0	(85-115)	2.1
<u>MBLK</u>	<u>Hexavalent chromium (Cr VI)</u>	<u>ND</u>	<u><0.005</u>	<u>MGL</u>			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.007	MGL	140.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	0.05	0.051	MGL	102.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.05	0.052	MGL	104.0	(70-130)	1.9

QC Ref #294221

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.937	MGL	93.7	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.951	MGL	95.1	(85-115)	1.5
MBLK	Chromium, Total, ICAP	ND	<0.01	MGL			
MS	Chromium, Total, ICAP	1.00	0.926	MGL	92.6	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.928	MGL	92.8	(70-130)	0.22

QC Ref #294465

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.97	MGL	97.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.967	MGL	96.7	(85-115)	0.31
MBLK	Chromium, Total, ICAP	ND	<0.01	MGL			

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MS	Chromium, Total, ICAP	1.00	0.937	MGL	93.7	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.946	MGL	94.6	(70-130)	0.96

QC Ref #296273 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS1	Perchlorate	25.0	25.4	UGL	101.6	(85-115)	
MBLK	Perchlorate	ND	<4	UGL			
MS	Perchlorate	25.0	22.6	UGL	90.4	(70-130)	
MSD	Perchlorate	25.0	23.2	UGL	92.8	(70-130)	2.6

QC Ref #296274 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.1	UGL	96.4	(85-115)	
LCS1	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	
MBLK	Perchlorate	ND	<4	UGL			
MS	Perchlorate	25.0	24.1	UGL	96.4	(70-130)	
MSD	Perchlorate	25.0	23	UGL	92.0	(70-130)	4.7

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