



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)

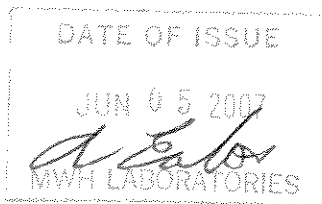
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager

Report#204349R replaces the original Report.



Report#: 204349R
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 11 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

2047349

MW LABS USE ONLY:

750 Royal Oaks Dr, Suite 100 Montrovia, Ca., 91016-3629

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: MLD

(626) 386-1100 (800) 566-5227

SAMPLE TEMP, RECEIPT AT LAB: 4

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																				
KERRMCGEE-HP Samantha Brown Michele Brown Susan Crowley (703) 651-2234		Monthly AQP and PC wells Trotox LLC - Henderson Plant PO Box 55 Henderson, NV 89009		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)																				
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CL	CO	TO	NO	8												SAMPLER COMMENTS	
6:25 AM	5/10/2007		M-87	RSW	X		X	X	X															
6:15	5/10/2007		M-83	RSW	X		X	X	X															
7:05 AM	5/10/2007		ARP-7	RSW	X		X	X	X															
7:15	5/10/2007		PC-53	RSW	X		X	X	X															
7:25	5/10/2007		MW-K5	RSW	X		X	X	X															
7:40	5/10/2007		PC-103	RSW	X		X	X	X															
8:05	5/10/2007		PC-98R	RSW	X		X	X	X															
8:54	5/10/2007		L-637	RSW	X		X	X	X															
			MW-K4																					No Sample

* MATRIX TYPES:

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

Reported by Weight:
SO = Soil
SL = Sludge

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

RGW = Raw Ground Water
RSW = Raw Surface Water

RELINQUISHED BY: <u>Michele Brown</u>	SIGNATURE	COMPANY/TITLE	DATE	TIME
RECEIVED BY: <u>Joe Sanchez</u>		Veolia Water NA for Trotox LLC - Henderson Plant	5/10/2007	12:00 PM
RELINQUISHED BY:				
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 M Monthly Period
Project Code CLO4
PO# / Job# GWREMEDICATION
Blanket PO

SO# 34915 12374 RS

Sampler: Please Return this Paper with your samples

Created by
Order Date **02/26/07**
Date Needed by Client
Ship Sample Kits to
Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to
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: 702-551-2234

ATTN: Susan Crowley
PHONE: 702-551-2234
FAX: 702-551-2310

Quote#

of Samples Tests

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

UN#

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
41	CLO4, TDS	1 250 ml poly /no preservative		These sites are monthly till further notice.
	SHEET OF LABELS WITH WELL-IDS	see comments section		Shipping - please send bottles in cooler rather than a box
				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
				test changed from EC to TDS as

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

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 142599

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 Federal Express		Date 05/10/07	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		
N/A/R		CUSTOMER PO OR REQ'N NO.	CODE NO. WCN IS 1321.10400 If it moves between	
		SHIPPED FROM Henderson, NV 89015	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. 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		
1	TOTAL GROSS WEIGHT 22	TOTAL TARE WEIGHT 0	22	
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 Chuck Whitney	AGENT	PER

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#: 204349
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **05/11/07**. 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
2705110468	M-87	CLO4 CR	Water	10-may-2007 06:25:00
2705110469	M-83	CLO4 CR	Water	10-may-2007 06:16:00
2705110470	ARP-7	CLO4 CR	Water	10-may-2007 07:05:00
2705110471	PC-53	CLO4 CR	Water	10-may-2007 07:15:00
2705110473	MW-K5	CLO3 CLO4	Water	10-may-2007 07:25:00
2705110474	PC-103	CLO3 CLO4	Water	10-may-2007 07:40:00
2705110476	PC-98R	CLO4 CR	Water	10-may-2007 08:05:00
2705110478	L-637	CLO4 CR	Water	10-may-2007 08:54:00

Test Acronym Description

Test Acronym	Description
CLO3	Chlorate by IC
CLO4	Perchlorate
CR	Chromium, Total, ICAP
NO3	Nitrate as Nitrogen by IC
P	Metals sample pH
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)



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Report
Comments
#204349

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: _____

Group Comments

Report revised to correct QC duplicate for CR6010.



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Laboratory
Hits Report
#204349

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

Samples Received
11-may-2007 17:38:32

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705110468	M-87				
05/17/07		Chromium, Total, ICAP	0.99		mg/l	0.050
05/16/07		Metals digestion performed.	Y		Yes/No	
05/16/07		Perchlorate	271000		ug/l	20000
05/17/07		Total Dissolved Solid (TDS)	3500	500	mg/l	10
	2705110469	M-83				
05/17/07		Chromium, Total, ICAP	1.5		mg/l	0.020
05/16/07		Metals digestion performed.	Y		Yes/No	
05/18/07		Perchlorate	265000		ug/l	20000
05/17/07		Total Dissolved Solid (TDS)	3150	500	mg/l	10
	2705110470	ARP-7				
05/18/07		Chromium, Total, ICAP	0.022		mg/l	0.020
05/16/07		Metals digestion performed.	Y		Yes/No	
05/16/07		Perchlorate	4900		ug/l	400
05/17/07		Total Dissolved Solid (TDS)	5700	500	mg/l	10
	2705110471	PC-53				
05/16/07		Metals digestion performed.	Y		Yes/No	
05/16/07		Perchlorate	2750		ug/l	400
05/17/07		Total Dissolved Solid (TDS)	4320	500	mg/l	10
	2705110473	MW-K5				
05/14/07		Chlorate by IC	45800		ug/l	10000
05/17/07		Chromium, Total, ICAP	0.026		mg/l	0.020
05/16/07		Metals digestion performed.	Y		Yes/No	

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#204349

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

Samples Received
11-may-2007 17:38:32

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705110473	MW-K5				
05/11/07		Nitrate as Nitrogen by IC	9.22		mg/l	5.0
05/17/07		Perchlorate	16800		ug/l	2000
05/17/07		Total Dissolved Solid (TDS)	5480	500	mg/l	10
	2705110474	PC-103				
05/15/07		Chlorate by IC	2470		ug/l	100
05/15/07		Chlorate by IC	2470		ug/l	100
05/16/07		Metals digestion performed.	Y		Yes/No	
05/11/07		Nitrate as Nitrogen by IC	6.73		mg/l	5.0
05/17/07		Perchlorate	6760		ug/l	400
05/17/07		Total Dissolved Solid (TDS)	4470	500	mg/l	10
	2705110476	PC-98R				
05/17/07		Chromium, Total, ICAP	0.021		mg/l	0.020
05/18/07		Perchlorate	13600		ug/l	2000
05/17/07		Total Dissolved Solid (TDS)	5010	500	mg/l	10
	2705110478	L-637				
05/18/07		Perchlorate	17		ug/l	10
05/17/07		Total Dissolved Solid (TDS)	7150	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Data Report
 #204349

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

Samples Received
 05/11/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-87 (2705110468) Sampled on 05/10/07 06:25								
	05/16/07 00:00	367124	(EPA 314)	Perchlorate	271000	ug/l	20000	5000
	05/17/07 00:00	367435	(ML/EPA 6010B)	Chromium, Total, ICAP	0.99	mg/l	0.050	5
	05/16/07 00:00		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/17/07	05/17/07 00:00	367722	(SM 2540C)	Total Dissolved Solid (TDS)	3500	mg/l	10	1
M-83 (2705110469) Sampled on 05/10/07 06:16								
	05/18/07 00:00	367476	(EPA 314)	Perchlorate	265000	ug/l	20000	5000
	05/17/07 00:00	367436	(ML/EPA 6010B)	Chromium, Total, ICAP	1.5	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/17/07	05/17/07 00:00	367722	(SM 2540C)	Total Dissolved Solid (TDS)	3150	mg/l	10	1
ARP-7 (2705110470) Sampled on 05/10/07 07:05								
	05/16/07 00:00	367124	(EPA 314)	Perchlorate	4900	ug/l	400	100
	05/18/07 00:54	367352	(ML/EPA 200.7)	Chromium, Total, ICAP	0.022	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/17/07	05/17/07 00:00	367722	(SM 2540C)	Total Dissolved Solid (TDS)	5700	mg/l	10	1
PC-53 (2705110471) Sampled on 05/10/07 07:15								
	05/16/07 00:00	367124	(EPA 314)	Perchlorate	2750	ug/l	400	100
	05/17/07 00:00	367436	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/17/07	05/17/07 00:00	367722	(SM 2540C)	Total Dissolved Solid (TDS)	4320	mg/l	10	1
MW-K5 (2705110473) Sampled on 05/10/07 07:25								
	05/14/07 00:00	366949	(ML/EPA 9056)	Chlorate by IC	45800	ug/l	10000	1000
	05/17/07 00:00	367124	(EPA 314)	Perchlorate	16800	ug/l	2000	500
	05/17/07 00:00	367436	(ML/EPA 6010B)	Chromium, Total, ICAP	0.026	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/07 20:55	368382	(ML/EPA 9056)	Nitrate as Nitrogen by IC	9.22	mg/l	5.0	50
05/17/07	05/17/07 00:00	367722	(SM 2540C)	Total Dissolved Solid (TDS)	5480	mg/l	10	1



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Laboratory
Data Report
#204349

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-103 (2705110474)		Sampled on 05/10/07 07:40						
	05/15/07 00:00	366940	(ML/EPA 300.0)	Chlorate by IC	2470	ug/l	100	10
	05/15/07 00:00	366949	(ML/EPA 9056)	Chlorate by IC	2470	ug/l	100	10
	05/17/07 00:00	367124	(EPA 314)	Perchlorate	6760	ug/l	400	100
	05/17/07 00:00	367436	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/11/07 21:08	368382	(ML/EPA 9056)	Nitrate as Nitrogen by IC	6.73	mg/l	5.0	50
05/17/07	05/17/07 00:00	367722	(SM 2540C)	Total Dissolved Solid (TDS)	4470	mg/l	10	1
PC-98R (2705110476)		Sampled on 05/10/07 08:05						
	05/18/07 00:00	367456	(EPA 314)	Perchlorate	13600	ug/l	2000	500
	05/17/07 00:00	367435	(ML/EPA 6010B)	Chromium, Total, ICAP	0.021	mg/l	0.020	2
05/17/07	05/17/07 00:00	367722	(SM 2540C)	Total Dissolved Solid (TDS)	5010	mg/l	10	1
L-637 (2705110478)		Sampled on 05/10/07 08:54						
	05/18/07 00:00	367476	(EPA 314)	Perchlorate	17	ug/l	10	5
	05/17/07 00:00	367435	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/17/07	05/17/07 00:00	367722	(SM 2540C)	Total Dissolved Solid (TDS)	7150	mg/l	10	1



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Laboratory
QC Summary
#204349

Tronox LLC - Henderson

QC Ref #366940 - Chlorate by IC

Analysis Date: 05/15/2007

2705110474 PC-103

Analyzed by: raja

QC Ref #366949 - Chlorate by IC

Analysis Date: 05/14/2007

2705110473 MW-K5
2705110474 PC-103

Analyzed by: raja
Analyzed by: raja

QC Ref #367124 - Perchlorate

Analysis Date: 05/16/2007

2705110468 M-87
2705110470 ARP-7
2705110471 PC-53
2705110473 MW-K5
2705110474 PC-103

Analyzed by: raja
Analyzed by: raja
Analyzed by: raja
Analyzed by: raja
Analyzed by: raja

QC Ref #367352 - Chromium, Total, ICAP

Analysis Date: 05/18/2007

2705110470 ARP-7

Analyzed by: wbh

QC Ref #367435 - Chromium, Total, ICAP

Analysis Date: 05/17/2007

2705110468 M-87
2705110476 PC-98R
2705110478 L-637

Analyzed by: wbh
Analyzed by: wbh
Analyzed by: wbh

QC Ref #367436 - Chromium, Total, ICAP

Analysis Date: 05/17/2007

2705110469 M-83
2705110471 PC-53
2705110473 MW-K5
2705110474 PC-103

Analyzed by: wbh
Analyzed by: wbh
Analyzed by: wbh
Analyzed by: wbh



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Laboratory
QC Summary
#204349

Tronox LLC - Henderson
(continued)

QC Ref #367456 - Perchlorate

2705110476 PC-98R

Analysis Date: 05/18/2007

Analyzed by: raja

QC Ref #367476 - Perchlorate

2705110469 M-83
2705110478 L-637

Analysis Date: 05/18/2007

Analyzed by: raja
Analyzed by: raja

QC Ref #367722 - Total Dissolved Solid (TDS)

2705110468 M-87
2705110469 M-83
2705110470 ARP-7
2705110471 PC-53
2705110473 MW-K5
2705110474 PC-103
2705110476 PC-98R
2705110478 L-637

Analysis Date: 05/17/2007

Analyzed by: maria
Analyzed by: maria
Analyzed by: maria
Analyzed by: maria
Analyzed by: maria
Analyzed by: maria
Analyzed by: maria
Analyzed by: maria

QC Ref #368382 - Nitrate as Nitrogen by IC

2705110473 MW-K5
2705110474 PC-103

Analysis Date: 05/11/2007

Analyzed by: jkz
Analyzed by: jkz



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Laboratory
QC Report
#204349

Tronox LLC - Henderson

QC Ref #366940

Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110004	UGL		(0-0)	
LCS1	Chlorate by IC	200	199	UGL	99.5	(90-110)	
LCS2	Chlorate by IC	200	200	UGL	100.0	(90-110)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.0	8.80	UGL	88.0	(50-150)	
MS	Chlorate by IC	100	93.2	UGL	93.2	(75-125)	
MSD	Chlorate by IC	100	89.6	UGL	89.6	(75-125)	
RPD_LCS	Chlorate by IC	99.500	100.000	UGL	0.5	(0-20)	
RPD_MS	Chlorate by IC	93.200	89.600	UGL	3.9	(0-20)	

QC Ref #366949

Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110004	UGL		(0-0)	
LCS1	Chlorate by IC	200	199	UGL	99.5	(90-110)	
LCS2	Chlorate by IC	200	200	UGL	100.0	(90-110)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.80	UGL	88.0	(50-150)	
MS	Chlorate by IC	100	93.2	UGL	93.2	(75-125)	
MSD	Chlorate by IC	100	89.6	UGL	89.6	(75-125)	
RPD_LCS	Chlorate by IC	99.500	100.000	UGL	0.5	(0-20)	
RPD_MS	Chlorate by IC	93.200	89.600	UGL	3.9	(0-20)	

QC Ref #367124

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05100379	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS3	Perchlorate	4	3.92	UGL	98.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			

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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Laboratory
QC Report
#204349

Tronox LLC - Henderson
(continued)

MS	Perchlorate	25.0	24.0	UGL	96.0	(80-120)
MSD	Perchlorate	25.0	23.6	UGL	94.4	(80-120)
RPD_LCS	Perchlorate	98.000	96.800	UGL	1.2	(0-15)
RPD_MS	Perchlorate	96.000	94.400	UGL	1.0	(0-15)

QC Ref #367352 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.986	MGL	98.6	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0097	MGL	97.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.07	MGL	107.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.974	MGL	97.4	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	(70-130)	

QC Ref #367435 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05100540	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.994	MGL	99.4	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.997	MGL	99.7	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0098	MGL	98.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.989	MGL	98.9	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.992	MGL	99.2	(70-130)	

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Tronox LLC - Henderson
(continued)

QC Ref #367436 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110483	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.986	MGL	98.6	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0098	MGL	98.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.07	MGL	107.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)	

QC Ref #367456 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05100094	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS2	Perchlorate	25.0	25.5	UGL	102.0	(85-115)	
LCS3	Perchlorate	4	4.12	UGL	103.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.9	UGL	95.6	(80-120)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(80-120)	
RPD_LCS	Perchlorate	102.400	102.000	UGL	0.4	(0-15)	
RPD_MS	Perchlorate	95.600	97.200	UGL	1.0	(0-15)	

QC Ref #367476 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05150229	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS3	Perchlorate	4	3.79	UGL	94.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			

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Tronox LLC - Henderson
 (continued)

MS	Perchlorate	25.0	22.6	UGL	90.4	(80-120)
MSD	Perchlorate	25.0	22.9	UGL	91.6	(80-120)
RPD_LCS	Perchlorate	100.800	101.200	UGL	0.4	(0-15)
RPD_MS	Perchlorate	90.400	91.600	UGL	1.0	(0-15)

QC Ref #367722 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110347	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	558	558	MGL		(0-10)	0.0
LCS1	Total Dissolved Solid (TDS)	175	178	MGL	101.7	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	672	MGL	96.0	(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)	101.714	96.000	MGL	5.8	(0-20)	

QC Ref #368382 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05110455	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.52	MGL	100.8	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.52	MGL	100.8	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.048	MGL	96.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.20	MGL	96.0	(80-112)	
MSD	Nitrate as Nitrogen by IC	1.25	1.20	MGL	96.0	(80-112)	
RPD_LCS	Nitrate as Nitrogen by IC	100.800	100.800	MGL	0.0	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	96.000	96.000	MGL	0.0	(0-20)	

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 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.