



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)

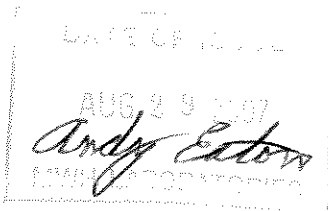
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager

Report#212133R replaces the original Report.



Report#: 212133R
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 15 page[s].



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August 29, 2007

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

Subject: Case Narrative report 212133R

Enclosed is MWH Laboratories Report 212133R

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on August 02, 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
The report is revised to correct duplicate QC for PH9040.

Sincerely,

Andrew Eaton, PhD
Project Manager



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

212133

MVA ABS USE ONLY:

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

(626) 386-1100 (604) 566-5227

SAMPLES CHECKED/LOGGED IN BY: *[Signature]*

SAMPLE TEMP. RECEIPT AT LAB: *[Signature]*

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED *[initials]*

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
 KERR/MCGEE-MP Quaternary Groundwater Sampling
 Schedule B
 Sampler: Michele Brown Tronox LLC - Henderson Plant
 Susan Crowley (702) 651-2234 PO Box 55
 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)							SAMPLER Comments
							CR 6010	PH 9040	TDS	CL04	CRVI 7196	CL03 9056	NO3 9056	
515	7-31-07		I-O	RGW	X		X	X	X	X				2 Bottles
519	7-31-07		I-P	RGW	X		X	X	X	X				2 Bottles
521	7-31-07		I-H	RGW	X		X	X	X	X				2 Bottles
523	7-31-07		I-U	RGW	X		X	X	X	X				2 Bottles
526	7-31-07		I-T	RGW	X		X	X	X	X				2 Bottles
529	7-31-07		I-O	RGW	X		X	X	X	X				2 Bottles
533	7-31-07		I-F	RGW	X		X	X	X	X				2 Bottles
535	7-31-07		I-N	RGW	X		X	X	X	X				2 Bottles
537	7-31-07		I-E	RGW	X		X	X	X	X				2 Bottles
539	7-31-07		I-M	RGW	X		X	X	X	X				2 Bottles
542	7-31-07		I-D	RGW	X		X	X	X	X				2 Bottles
545	7-31-07		I-C	RGW	X		X	X	X	X				2 Bottles

* MATRIX TYPES:
 CFW = Chloraminated 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
 WW = Other Waste Water
 SW = Storm Water

REPORTED BY: *Michele Brown* SIGNATURE: *Michele Brown* PRINT NAME: Michele Brown
 RECEIVED BY: *[Signature]* DATE: 8-1-07 COMPANY/TITLE: Vecolia Water NA for Tronox LLC - Henderson Plant
 PRELIMINISHED BY: *[Signature]* DATE: 8-1-07
 RECEIVED BY: *[Signature]* DATE: 8-1-07



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

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

MVLABS USE ONLY

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: *[Signature]*

SAMPLE TEMP, RECEIPT AT LAB: *[Signature]*

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED *[Signature]*

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: KERRMCGEE-MP
 PROJECT JOB # / P.O.#: Quaternary Groundwater Sampling Schedule B
 Sampler: *Michele Brown*
 Susan Crowley (702) 851-2234
 Trionox LLC - Henderson Plant
 PO Box 55
 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CR 6010	PH 9040	TDS	CL04	CRVI 7196	CL03 9056	NO3 9056	See Bottle Order	SAMPLER Comments
	5/18/21		I-S	RGW	X		X	X	X	X					Bottles
	5/21/21		I-L	RGW	X		X	X	X	X					Bottles
	5/21/21		I-R	RGW	X		X	X	X	X					Bottles
	5/21/21		I-D	RGW	X		X	X	X	X					Bottles
	6/01/21		I-AR	RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles
				RGW	X		X	X	X	X					Bottles

* MATRIX TYPES:

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

RGW = Raw Ground Water
 RSW = Raw Surface Water

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

Reported by Weight:
 SO = Soil
 SL = Sludge

SIGNATURE

Michele Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Vecilia Water NA for Trionox LLC - Henderson Plant

DATE

8-1-07

TIME

12:00PM

RELINQUISHED BY

G. J. ...

RECEIVED BY

Susan Crowley

RECEIVED BY

[Signature]

DATE

8-2-07

TIME

10:00



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

Bottle Order for Ironox LLC - Henderson

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# 36799 33899 RS

Sampler: Please Return this Paper with your samples

Created by

Order Date

06/12/07

Date Needed
by Client

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

Send Report to

Ironox LLC-Henderson Plant
P.O. Box 55
Henderson, NV 89009

Billing Address

Ironox 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#

SHIP LOCATION

of Samples Tests

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

UN#

Important Comments

101	CR6010	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
101	CLO4, TDS, PH9040	1	500 ml poly /no preservative		First, Third, and fourth quarters
15	CRV17196	1	125ml poly acid rinsed/ no preservative S:40RT HOLDING TIME!!!!		NOTIFY LAB AS SOON AS CR-VI COMES IN - 24HR ht
					TDS count increased to 101 effective 6/16/06;; deleted EC as of 7-14-06

Active Code

Status

Date Shipped

Carrier

Qty of Coolers

Tracking Number

Prepared By

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#: 212133
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **08/02/07**. 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
2708020256	I-O	CLO4 CR6010	Water	31-jul-2007 05:15:00
			P	T
2708020257	I-P	CLO4 CR6010	Water	31-jul-2007 05:19:00
			P	T
2708020258	I-H	CLO4 CR6010	Water	31-jul-2007 05:21:00
			P	T
2708020259	I-U	CLO4 CR6010	Water	31-jul-2007 05:23:00
			P	T
2708020260	I-T	CLO4 CR6010	Water	31-jul-2007 05:26:00
			P	T
2708020261	I-Q	CLO4 CR6010	Water	31-jul-2007 05:29:00
			P	T
2708020262	I-F	CLO4 CR6010	Water	31-jul-2007 05:32:00
			P	T
2708020263	I-N	CLO4 CR6010	Water	31-jul-2007 05:35:00
			P	T
2708020264	I-E	CLO4 CR6010	Water	31-jul-2007 05:37:00
			P	T
2708020265	I-M	CLO4 CR6010	Water	31-jul-2007 05:39:00
			P	T
2708020266	I-D	CLO4 CR6010	Water	31-jul-2007 05:42:00
			P	T
2708020267	I-C	CLO4 CR6010	Water	31-jul-2007 05:45:00
			P	T
2708020268	I-S	CLO4 CR6010	Water	31-jul-2007 05:48:00
			P	T
2708020269	I-L	CLO4 CR6010	Water	31-jul-2007 05:52:00
			P	T
2708020270	I-R	CLO4 CR6010	Water	31-jul-2007 05:55:00
			P	T
2708020271	I-B	CLO4 CR6010	Water	31-jul-2007 05:58:00
			P	T
2708020272	I-AR	CLO4 CR6010	Water	31-jul-2007 06:01:00
			P	T

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
P	Metals sample pH
PH9040	PH (H3=past HT, not compliant)
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)



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Report
Comments
#212133

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: *A. Eaton*

Group Comments

Report revised to correct duplicate QC for PH9040.



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Laboratory
Hits Report
#212133

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

Samples Received
02-aug-2007 14:56:28

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708020256	I-O				
08/13/07		Chromium, Total, ICAP	29		mg/l	0.20
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.3		Units	0.0010
08/04/07		Perchlorate	1910000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	16400	500	mg/l	10
	2708020257	I-P				
08/13/07		Chromium, Total, ICAP	29		mg/l	0.20
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	6.9		Units	0.0010
08/04/07		Perchlorate	1860000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	17100	500	mg/l	10
	2708020258	I-H				
08/13/07		Chromium, Total, ICAP	16		mg/l	0.20
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.1		Units	0.0010
08/04/07		Perchlorate	923000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	10500	500	mg/l	10
	2708020259	I-U				
08/13/07		Chromium, Total, ICAP	43		mg/l	0.20
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.1		Units	0.0010
08/04/07		Perchlorate	1850000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	18000	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#212133

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

Samples Received
02-aug-2007 14:56:28

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708020260	I-T				
	2708020260	I-T				
08/13/07	Chromium, Total, ICAP		30		mg/l	0.20
08/08/07	Metals digestion performed.		Y		Yes/No	
08/03/07	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/04/07	Perchlorate		1920000		ug/l	200000
08/06/07	Total Dissolved Solid (TDS)		17400	500	mg/l	10
	2708020261	I-Q				
08/13/07	Chromium, Total, ICAP		31		mg/l	0.20
08/08/07	Metals digestion performed.		Y		Yes/No	
08/03/07	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/04/07	Perchlorate		1810000		ug/l	200000
08/06/07	Total Dissolved Solid (TDS)		18000	500	mg/l	10
	2708020262	I-F				
08/13/07	Chromium, Total, ICAP		26		mg/l	0.20
08/08/07	Metals digestion performed.		Y		Yes/No	
08/03/07	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/04/07	Perchlorate		1450000		ug/l	200000
08/06/07	Total Dissolved Solid (TDS)		15600	500	mg/l	10
	2708020263	I-N				
08/13/07	Chromium, Total, ICAP		15		mg/l	0.20
08/08/07	Metals digestion performed.		Y		Yes/No	
08/03/07	PH (H3=past HT, not compliant)		7.1		Units	0.0010

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Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
02-aug-2007 14:56:28

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708020263	I-N				
08/04/07	Perchlorate		1700000		ug/l	200000
08/06/07	Total Dissolved Solid (TDS)		12400	500	mg/l	10
	2708020264	I-E				
08/13/07	Chromium, Total, ICAP		13		mg/l	0.20
08/08/07	Metals digestion performed.		Y		Yes/No	
08/03/07	PH (H3=past HT, not compliant)		7.0		Units	0.0010
08/04/07	Perchlorate		1070000		ug/l	200000
08/06/07	Total Dissolved Solid (TDS)		10300	500	mg/l	10
	2708020265	I-M				
08/13/07	Chromium, Total, ICAP		11		mg/l	0.10
08/08/07	Metals digestion performed.		Y		Yes/No	
08/03/07	PH (H3=past HT, not compliant)		7.3		Units	0.0010
08/04/07	Perchlorate		886000		ug/l	200000
08/06/07	Total Dissolved Solid (TDS)		10200	500	mg/l	10
	2708020266	I-D				
08/13/07	Chromium, Total, ICAP		9.4		mg/l	0.10
08/08/07	Metals digestion performed.		Y		Yes/No	
08/03/07	PH (H3=past HT, not compliant)		7.2		Units	0.0010
08/04/07	Perchlorate		1000000		ug/l	200000
08/06/07	Total Dissolved Solid (TDS)		8820	500	mg/l	10
	2708020267	I-C				
08/13/07	Chromium, Total, ICAP		4.4		mg/l	0.020

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Laboratory
 Hits Report
 #212133

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

Samples Received
 02-aug-2007 14:56:28

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708020267	I-C				
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.1		Units	0.0010
08/04/07		Perchlorate	1200000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	7400	500	mg/l	10
	2708020268	I-S				
08/13/07		Chromium, Total, ICAP	1.9		mg/l	0.020
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.4		Units	0.0010
08/04/07		Perchlorate	1160000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	5880	500	mg/l	10
	2708020269	I-L				
08/13/07		Chromium, Total, ICAP	0.80		mg/l	0.020
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.2		Units	0.0010
08/04/07		Perchlorate	2160000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	6740	500	mg/l	10
	2708020270	I-R				
08/13/07		Chromium, Total, ICAP	0.44		mg/l	0.020
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.3		Units	0.0010
08/04/07		Perchlorate	3060000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	7430	500	mg/l	10
	2708020271	I-B				

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Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
02-aug-2007 14:56:28

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708020271	I-B				
08/13/07		Chromium, Total, ICAP	0.22		mg/l	0.020
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.4		Units	0.0010
08/04/07		Perchlorate	1150000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	4930	500	mg/l	10
	2708020272	I-AR				
08/13/07		Chromium, Total, ICAP	0.49		mg/l	0.020
08/08/07		Metals digestion performed.	Y		Yes/No	
08/03/07		PH (H3=past HT, not compliant)	7.1		Units	0.0010
08/04/07		Perchlorate	4020000		ug/l	200000
08/06/07		Total Dissolved Solid (TDS)	6850	500	mg/l	10

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Laboratory
Data Report
#212133

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

Samples Received
08/02/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-O (2708020256)				Sampled on 07/31/07 05:15				
	08/04/07 00:17	379847	(EPA 314)	Perchlorate	1910000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	29	mg/l	0.20	20
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	16400	mg/l	10	1
I-P (2708020257)				Sampled on 07/31/07 05:19				
	08/04/07 00:17	379847	(EPA 314)	Perchlorate	1860000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	29	mg/l	0.20	20
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	6.9	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	17100	mg/l	10	1
I-H (2708020258)				Sampled on 07/31/07 05:21				
	08/04/07 00:17	379847	(EPA 314)	Perchlorate	923000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	16	mg/l	0.20	20
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	10500	mg/l	10	1
I-U (2708020259)				Sampled on 07/31/07 05:23				
	08/04/07 00:17	379847	(EPA 314)	Perchlorate	1850000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	43	mg/l	0.20	20
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	18000	mg/l	10	1



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Laboratory
Data Report
#212133

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-T (2708020260)		Sampled on 07/31/07 05:26						
	08/04/07 00:17	379847	(EPA 314)	Perchlorate	1920000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	30	mg/l	0.20	20
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	17400	mg/l	10	1
I-Q (2708020261)		Sampled on 07/31/07 05:29						
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	1810000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	31	mg/l	0.20	20
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	18000	mg/l	10	1
I-F (2708020262)		Sampled on 07/31/07 05:32						
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	1450000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	26	mg/l	0.20	20
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	15600	mg/l	10	1
I-N (2708020263)		Sampled on 07/31/07 05:35						
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	1700000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	15	mg/l	0.20	20
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	12400	mg/l	10	1
I-E (2708020264)		Sampled on 07/31/07 05:37						
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	1070000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	13	mg/l	0.20	20
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.0	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	10300	mg/l	10	1



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Laboratory
 Data Report
 #212133

Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-M (2708020265)		Sampled on 07/31/07 05:39						
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	886000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	11	mg/l	0.10	10
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	10200	mg/l	10	1
I-D (2708020266)		Sampled on 07/31/07 05:42						
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	1000000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	9.4	mg/l	0.10	10
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8820	mg/l	10	1
I-C (2708020267)		Sampled on 07/31/07 05:45						
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	1200000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	4.4	mg/l	0.020	2
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7400	mg/l	10	1
I-S (2708020268)		Sampled on 07/31/07 05:48						
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	1160000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	1.9	mg/l	0.020	2
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5880	mg/l	10	1
I-L (2708020269)		Sampled on 07/31/07 05:52						
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	2160000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	0.80	mg/l	0.020	2
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6740	mg/l	10	1



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Laboratory
Data Report
#212133

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-R (2708020270)		Sampled on 07/31/07 05:55						
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	3060000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	0.44	mg/l	0.020	2
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7430	mg/l	10	1
I-B (2708020271)		Sampled on 07/31/07 05:58						
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	1150000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	0.22	mg/l	0.020	2
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379614	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4930	mg/l	10	1
I-AR (2708020272)		Sampled on 07/31/07 06:01						
	08/04/07 11:28	379888	(EPA 314)	Perchlorate	4020000	ug/l	200000	50000
08/12/07	08/13/07 00:00	380838	(ML/EPA 6010B)	Chromium, Total, ICAP	0.49	mg/l	0.020	2
	08/08/07 13:37		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	08/03/07 00:00	379618	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.1	Units	0.0010	1
08/06/07	08/06/07 12:30	380371	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6850	mg/l	10	1



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Laboratory
QC Summary
#212133

Tronox LLC - Henderson

QC Ref #379614 - PH (H3=past HT, not compliant) Analysis Date: 08/03/2007

2708020256	I-O	Analyzed by: faj
2708020257	I-P	Analyzed by: faj
2708020258	I-H	Analyzed by: faj
2708020259	I-U	Analyzed by: faj
2708020260	I-T	Analyzed by: faj
2708020261	I-Q	Analyzed by: faj
2708020262	I-F	Analyzed by: faj
2708020263	I-N	Analyzed by: faj
2708020264	I-E	Analyzed by: faj
2708020265	I-M	Analyzed by: faj
2708020266	I-D	Analyzed by: faj
2708020267	I-C	Analyzed by: faj
2708020268	I-S	Analyzed by: faj
2708020269	I-L	Analyzed by: faj
2708020270	I-R	Analyzed by: faj
2708020271	I-B	Analyzed by: faj

QC Ref #379618 - PH (H3=past HT, not compliant) Analysis Date: 08/03/2007

2708020272	I-AR	Analyzed by: faj
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QC Ref #379847 - Perchlorate

Analysis Date: 08/04/2007

2708020256	I-O	Analyzed by: clv
2708020257	I-P	Analyzed by: clv
2708020258	I-H	Analyzed by: clv
2708020259	I-U	Analyzed by: clv
2708020260	I-T	Analyzed by: clv

QC Ref #379888 - Perchlorate

Analysis Date: 08/04/2007

2708020261	I-Q	Analyzed by: clv
2708020262	I-F	Analyzed by: clv
2708020263	I-N	Analyzed by: clv
2708020264	I-E	Analyzed by: clv
2708020265	I-M	Analyzed by: clv
2708020266	I-D	Analyzed by: clv
2708020267	I-C	Analyzed by: clv
2708020268	I-S	Analyzed by: clv
2708020269	I-L	Analyzed by: clv



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 QC Summary
 #212133

Tronox LLC - Henderson
 (continued)

2708020270	I-R	Analyzed by: clv
2708020271	I-B	Analyzed by: clv
2708020272	I-AR	Analyzed by: clv

QC Ref #380371 - Total Dissolved Solid (TDS) Analysis Date: 08/06/2007

2708020256	I-O	Analyzed by: yvette
2708020257	I-P	Analyzed by: yvette
2708020258	I-H	Analyzed by: yvette
2708020259	I-U	Analyzed by: yvette
2708020260	I-T	Analyzed by: yvette
2708020261	I-Q	Analyzed by: yvette
2708020262	I-F	Analyzed by: yvette
2708020263	I-N	Analyzed by: yvette
2708020264	I-E	Analyzed by: yvette
2708020265	I-M	Analyzed by: yvette
2708020266	I-D	Analyzed by: yvette
2708020267	I-C	Analyzed by: yvette
2708020268	I-S	Analyzed by: yvette
2708020269	I-L	Analyzed by: yvette
2708020270	I-R	Analyzed by: yvette
2708020271	I-B	Analyzed by: yvette
2708020272	I-AR	Analyzed by: yvette

QC Ref #380838 - Chromium, Total, ICAP Analysis Date: 08/13/2007

2708020256	I-O	Analyzed by: wbh
2708020257	I-P	Analyzed by: wbh
2708020258	I-H	Analyzed by: wbh
2708020259	I-U	Analyzed by: wbh
2708020260	I-T	Analyzed by: wbh
2708020261	I-Q	Analyzed by: wbh
2708020262	I-F	Analyzed by: wbh
2708020263	I-N	Analyzed by: wbh
2708020264	I-E	Analyzed by: wbh
2708020265	I-M	Analyzed by: wbh
2708020266	I-D	Analyzed by: wbh
2708020267	I-C	Analyzed by: wbh
2708020268	I-S	Analyzed by: wbh
2708020269	I-L	Analyzed by: wbh
2708020270	I-R	Analyzed by: wbh
2708020271	I-B	Analyzed by: wbh



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Laboratory
QC Summary
#212133

Tronox LLC - Henderson
(continued)

2708020272

I-AR

Analyzed by: wbh



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QC Ref #379614 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.45	7.45	UNIT		(0-20)	0.0

QC Ref #379618 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.33	7.34	UNIT		(0-20)	0.1

QC Ref #379847 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	08020557	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.2	UGL	108.8	(85-115)	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS3	Perchlorate	4	4.17	UGL	104.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.3	UGL	93.2	(80-120)	
MSD	Perchlorate	25.0	24.5	UGL	98.0	(80-120)	
RPD_LCS	Perchlorate	108.800	101.200	UGL	7.2	(0-15)	
RPD_MS	Perchlorate	93.200	98.000	UGL	1.1	(0-15)	

QC Ref #379888 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	08020270	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.1	UGL	108.4	(85-115)	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS3	Perchlorate	4	3.75	UGL	93.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.1	UGL	92.4	(80-120)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(80-120)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
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Laboratory
QC Report
#212133

Tronox LLC - Henderson
(continued)

RPD_LCS	Perchlorate	108.400	102.400	UGL	5.7	(0-15)
RPD_MS	Perchlorate	92.400	97.200	UGL	1.1	(0-15)

QC Ref #380371 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08020256	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	16400	16100	MGL		(0-10)	1.8
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	684	MGL	97.7	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	97.714	MGL	3.0	(0-20)	

QC Ref #380838 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08020271	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.955	MGL	95.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.941	MGL	94.1	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.00994	MGL	99.4	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.961	MGL	96.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.941	MGL	94.1	(70-130)	

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.