



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)

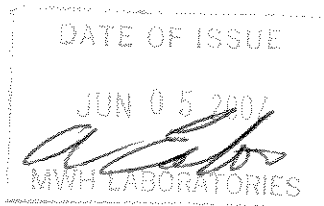
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager

Report#203068R replaces the original Report.



Report#: 203068R
Project: CL04
PO#: Susan Crowle

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 23 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

750 Royal Oaks Ave, Suite 100, Menlo Park, CA 94016
(678) 386-1100 (800) 566-5227

AWLABS USE ONLY:
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: FC
SAMPLE TEMP, RECEIPT AT LAB: 6C

203068

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)							SAMPLER Comments	
							PH 9040	TDS	CRVI 7196	CL03 9056	NO3 9056	See Bottle Order			
943	4-30-07	PC-54		RGW	X		X	X	X						Bottles
1005	4-30-07	M-48		RGW	X		X	X	X						Bottles
1220	4-30-07	M-44		RGW	X		X	X	X						Bottles
1046	4-30-07	PC-71		RGW	X		X	X	X						Bottles
1101	4-30-07	PC-72		RGW	X		X	X	X						Bottles
1118	4-30-07	PC-73		RGW	X		X	X	X						Bottles
1135	4-30-07	PC-74		RGW	X		X	X	X						Bottles
1158	4-30-07	M-23		RGW	X		X	X	X						Bottles
1211	4-30-07	M-94		RGW	X		X	X	X						Bottles
600	4-30-07	FB-1		RGW	X		X	X	X						Bottles
-	4-30-07	MD-1		RGW	X		X	X	X						Bottles
-	4-30-07	MD-3		RGW	X		X	X	X						Bottles

* MATRIX TYPES:
Reported by Volume:
CFW = Chloroform/Ammoniated Finished Water
FW = Other Finished Water

Reported by Weight:
SO = Soil
SL = Sludge
RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

RELINQUISHED BY: <u>Michele Brown</u>	SIGNATURE	PRINT NAME: Michele Brown	COMPANY/TITLE: Veolia Water NA for Tronox LLC - Henderson Plant	DATE: 4-30-07	TIME: 12:00PM
RECEIVED BY:					
RELINQUISHED BY: <u>[Signature]</u>				5-1	10:00
RECEIVED BY:					



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

750 Royal Oaks Ave, Suite 100, Menlo Park, CA 94016
(628) 366-1100 (800) 566-5227

M/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: FL

SAMPLE TEMP, RECEIPT AT LAB: 6°C

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#
Quarterly Groundwater Sampling
Schedule B

Sampler: Michele Brown

Michele Brown
Susan Crowley (702) 654-2234

Tronox LLC - Henderson Plant
PO Box 55
Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CR 6010	pH 9040	TDS	CRM 7196	NO3 9056	ClO3 9056	See Bottle Order	SAMPLER Comments
6:07	4-30-07	PC-123		RGW	X		X	X	X					2 Bottles
6:25	4-30-07	PC-124		RGW	X		X	X	X	X	X			4 Bottles
6:37	4-30-07	PC-125		RGW	X		X	X	X	X	X			2 Bottles
6:54	4-30-07	PC-126		RGW	X		X	X	X	X	X			4 Bottles
7:15	4-30-07	PC-127	NO NO SAMPLE	RGW	X		X	X	X	X	X			2 Bottles
7:30	4-30-07	PC-128		RGW	X		X	X	X	X	X			4 Bottles
7:46	4-30-07	PC-129		RGW	X		X	X	X	X	X			2 Bottles
8:05	4-30-07	PC-130		RGW	X		X	X	X	X	X			4 Bottles
8:21	4-30-07	PC-131		RGW	X		X	X	X	X	X			2 Bottles
8:52	4-30-07	M-96		RGW	X		X	X	X	X	X			4 Bottles
9:06	4-30-07	M-95		RGW	X		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 = Silt
SL = Sludge

SIGNATURE

Michele Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water NA for Tronox LLC - Henderson Plant

DATE

4-30-07 12:00PM

RECEIVED BY:

[Signature]

RECEIVED BY:

[Signature]

RECEIVED BY:

[Signature]

RECEIVED BY:

[Signature]



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CHAIN OF CUSTODY RECORD

MVLABS USE ONLY:

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

SAMPLES CHECKED/LOGGED IN BY: FC

SAMPLE TEMP, RECEIPT AT LAB: 6°C

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

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

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

(check for yes)

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CR 8010	PH 9040	TDS	CLO4	CRVI 7196	CLO3 9056	NO3 9056	See Bottle Order	SAMPLER Comments
-	4-30-07	MD-5		RGW	X		X	X	X	X	X	X	X		4 Bottles
				RGW	X		X	X	X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X	X	X		Bottles
				RGW	X		X	X	X	X	X	X	X		Bottles

* MATRIX TYPES: Reported by Volume:
 CFW = Chloro(am)inated Finished Water
 FW = Other Finished Water

Reported by Weight:
 SO = Soil
 SL = Sludge

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

RELINQUISHED BY: Michele Brown SIGNATURE
 RECEIVED BY: [Signature] PRINT NAME
 RELINQUISHED BY: [Signature] PRINT NAME
 RECEIVED BY: [Signature] PRINT NAME

COMPANY/TITLE: Vedia Water NA for Tronox LLC - Henderson Plant
 DATE: 4-30-07 TIME: 12:00PM
 576 108



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
Standing

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

SO# 35787 25973 RS

Sampler: Please Return this Paper with your samples

Created by AND

Order Date

04/19/07

Date Needed
by Client

04/25/07

Date Samples
to Arrive at MWL

SHIP LOCATION

0 Ship Sample Kits to
Tronox 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#
ANDRE

of Samples Tests

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

UN#

Important Comments

# 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 -
101	CLO4, TDS, PH9040	1 500 ml poly /no preservative		PLEASE PUT LABELS ON
15	CRV17196	1 125ml poly acid rinsed/ no preservative		BOTTLES; PLEASE PUT IN 4
				COOLERS SINCE SAMPLING
				TAKES 3-4 DAYS
22	NO39056	1 125ml poly/ no preservative		second quarter only
22	CLO39056	1 60ml poly+0.60 mL 5% EDA softn	UN 1604	NOTIFY LAB AS SOON AS
				CR-VI COMES IN - 24HR H
				TDS count increased to 101
				effective 6/16/06.; deleted EC as
				of 7-14-06

ActiveCode 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#: 203068
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **05/01/07**. 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
2705010116	PC-54	CLO4 CR6010	Water	30-apr-2007 09:43:00
			P PH9040	TDS
2705010117	M-48	CLO39056 CLO4	Water	30-apr-2007 10:05:00
		T TDS	CR6010 NO39056 P	PH9040
2705010118	M-44	CLO4 CR6010	Water	30-apr-2007 12:30:00
			P PH9040	T TDS
2705010119	PC-71	CLO4 CR6010	Water	30-apr-2007 10:46:00
			P PH9040	T TDS
2705010120	PC-72	CLO4 CR6010	Water	30-apr-2007 11:01:00
			P PH9040	T TDS
2705010121	PC-73	CLO4 CR6010	Water	30-apr-2007 11:18:00
			P PH9040	T TDS
2705010122	PC-37	CLO4 CR6010	Water	30-apr-2007 11:35:00
			P PH9040	T TDS
2705010123	M-23	CLO39056 CLO4	Water	30-apr-2007 11:58:00
		T TDS	CR6010 NO39056 P	PH9040
2705010124	M-94	CLO4 CR6010	Water	30-apr-2007 12:11:00
		TDS	CRVI7196 P	PH9040 T
2705010125	FB-1	CLO4 CR6010	Water	30-apr-2007 06:00:00
		TDS	CRVI7196 P	PH9040 T
2705010126	MD-1	CLO4 CR6010	Water	30-apr-2007 00:00:00
		TDS	CRVI7196 P	PH9040 T
2705010127	MD-3	CLO4 CR6010	Water	30-apr-2007 00:00:00
			P PH9040	T TDS
2705010128	PC-123	CLO4 CR6010	Water	30-apr-2007 06:07:00
			P PH9040	T TDS
2705010129	PC-124	CLO39056 CLO4	Water	30-apr-2007 06:25:00
			CR6010 NO39056 P	PH9040

Tronox LLC - Henderson
 PO Box 55
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 Group#: 203068
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2705010129	PC-124 (con't)	T TDS		
2705010130	PC-125	CLO4 CR6010	Water P	30-apr-2007 06:37:00 PH9040 T TDS
2705010131	PC-126	CLO39056 CLO4 T TDS	Water CR6010	30-apr-2007 06:54:00 NO39056 P PH9040
2705010132	PC-128	CLO39056 CLO4 T TDS	Water CR6010	30-apr-2007 07:15:00 NO39056 P PH9040
2705010133	PC-129	CLO4 CR6010	Water P	30-apr-2007 07:30:00 PH9040 T TDS
2705010135	PC-130	CLO39056 CLO4 T TDS	Water CR6010	30-apr-2007 07:46:00 NO39056 P PH9040
2705010136	PC-131	CLO4 CR6010	Water P	30-apr-2007 08:05:00 PH9040 T TDS
2705010137	PC-132	CLO39056 CLO4 T TDS	Water CR6010	30-apr-2007 08:21:00 NO39056 P PH9040
2705010138	M-96	CLO4 CR6010	Water P	30-apr-2007 08:52:00 PH9040 T TDS
2705010139	M-95	CLO4 CR6010	Water P	30-apr-2007 09:06:00 PH9040 T TDS
2705010140	MD-5	CLO39056 CLO4 T TDS	Water CR6010	30-apr-2007 00:00:00 NO39056 P PH9040

Test Acronym Description

Test Acronym	Description
CLO39056	Chlorate by IC
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
CRVI7196	Hexavalent chromium (Cr VI)
NO39056	Nitrate as Nitrogen by IC
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
#203068

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 for CR6010, CLO4 and PH9040.

(QC Ref#: 2705010124)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2705010125)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.

(QC Ref#: 2705010126)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

H3- Sample was received and analyzed past holding time. Data not acceptable for regulatory compliance.



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Laboratory
Hits Report
#203068

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

Samples Received
01-may-2007 13:36:06

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705010116	PC-54				
05/07/07		Chromium, Total, ICAP	2.8		mg/l	0.020
05/04/07		Metals digestion performed.	Y		Yes/No	
05/04/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010
05/04/07		Perchlorate	320000		ug/l	40000
05/02/07		Total Dissolved Solid (TDS)	6890	500	mg/l	10
	2705010117	M-48				
05/02/07		Chlorate by IC	340000		ug/l	10000
05/07/07		Chromium, Total, ICAP	1.0		mg/l	0.020
05/04/07		Metals digestion performed.	Y		Yes/No	
05/01/07		Nitrate as Nitrogen by IC	18.3		mg/l	1.0
05/04/07		PH (H3=past HT, not compliant)	7.8		Units	0.0010
05/04/07		Perchlorate	163000		ug/l	40000
05/02/07		Total Dissolved Solid (TDS)	2850	500	mg/l	10
	2705010118	M-44				
05/07/07		Chromium, Total, ICAP	0.92		mg/l	0.020
05/01/07		Hexavalent chromium (Cr VI)	0.98		mg/l	0.050
05/04/07		Metals digestion performed.	Y		Yes/No	
05/04/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010
05/04/07		Perchlorate	754000		ug/l	200000
05/02/07		Total Dissolved Solid (TDS)	7240	500	mg/l	10
	2705010119	PC-71				
05/07/07		Chromium, Total, ICAP	0.51		mg/l	0.020
05/04/07		Metals digestion performed.	Y		Yes/No	
05/04/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010

SUMMARY OF POSITIVE DATA ONLY.



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#203068

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

Samples Received
01-may-2007 13:36:06

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705010119	PC-71				
05/04/07	Perchlorate		579000		ug/l	40000
05/02/07	Total Dissolved Solid (TDS)		7660	500	mg/l	10
	2705010120	PC-72				
05/07/07	Chromium, Total, ICAP		0.34		mg/l	0.020
05/04/07	Metals digestion performed.		Y		Yes/No	
05/04/07	PH (H3=past HT, not compliant)		7.6		Units	0.0010
05/04/07	Perchlorate		365000		ug/l	40000
05/02/07	Total Dissolved Solid (TDS)		7510	500	mg/l	10
	2705010121	PC-73				
05/07/07	Chromium, Total, ICAP		0.40		mg/l	0.020
05/04/07	Metals digestion performed.		Y		Yes/No	
05/04/07	PH (H3=past HT, not compliant)		7.6		Units	0.0010
05/04/07	Perchlorate		388000		ug/l	40000
05/02/07	Total Dissolved Solid (TDS)		7060	500	mg/l	10
	2705010122	PC-37				
05/07/07	Chromium, Total, ICAP		0.18		mg/l	0.020
05/04/07	Metals digestion performed.		Y		Yes/No	
05/04/07	PH (H3=past HT, not compliant)		7.6		Units	0.0010
05/04/07	Perchlorate		292000		ug/l	40000
05/02/07	Total Dissolved Solid (TDS)		7120	500	mg/l	10
	2705010123	M-23				
05/02/07	Chlorate by IC		384000		ug/l	10000

SUMMARY OF POSITIVE DATA ONLY.



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 #203068

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 Susan Crowley
 PO Box 55
 Henderson , NV 89009

Samples Received
 01-may-2007 13:36:06

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705010123	M-23				
05/07/07		Chromium, Total, ICAP	0.88		mg/l	0.020
05/04/07		Metals digestion performed.	Y		Yes/No	
05/01/07		Nitrate as Nitrogen by IC	56.8		mg/l	2.5
05/04/07		PH (H3=past HT, not compliant)	7.7		Units	0.0010
05/04/07		Perchlorate	436000		ug/l	40000
05/02/07		Total Dissolved Solid (TDS)	4320	500	mg/l	10
	2705010124	M-94				
05/07/07		Chromium, Total, ICAP	0.73		mg/l	0.020
05/01/07		Hexavalent chromium (Cr VI)	0.78		mg/l	0.050
05/04/07		Metals digestion performed.	Y		Yes/No	
05/04/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010
05/07/07		Perchlorate	681000		ug/l	40000
05/02/07		Total Dissolved Solid (TDS)	7620	500	mg/l	10
	2705010125	FB-1				
05/04/07		Metals digestion performed.	Y		Yes/No	
05/04/07		PH (H3=past HT, not compliant)	5.8		Units	0.0010
05/02/07		Total Dissolved Solid (TDS)	62	500	mg/l	10
	2705010126	MD-1				
05/07/07		Chromium, Total, ICAP	0.91		mg/l	0.020
05/01/07		Hexavalent chromium (Cr VI)	0.99		mg/l	0.050
05/04/07		Metals digestion performed.	Y		Yes/No	
05/04/07		PH (H3=past HT, not compliant)	7.5		Units	0.0010
05/07/07		Perchlorate	839000		ug/l	40000
05/02/07		Total Dissolved Solid (TDS)	7940	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Samples Received
 01-may-2007 13:36:06

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705010126	MD-1				
	2705010127	MD-3				
05/07/07	Chromium, Total, ICAP		1.7		mg/l	0.020
05/04/07	Metals digestion performed.		Y		Yes/No	
05/04/07	PH (H3=past HT, not compliant)		7.6		Units	0.0010
05/07/07	Perchlorate		647000		ug/l	40000
05/02/07	Total Dissolved Solid (TDS)		7600	500	mg/l	10
	2705010128	PC-123				
05/07/07	Chromium, Total, ICAP		1.5		mg/l	0.020
05/04/07	Metals digestion performed.		Y		Yes/No	
05/04/07	PH (H3=past HT, not compliant)		7.6		Units	0.0010
05/07/07	Perchlorate		393000		ug/l	40000
05/02/07	Total Dissolved Solid (TDS)		7670	500	mg/l	10
	2705010129	PC-124				
05/02/07	Chlorate by IC		66200		ug/l	10000
05/07/07	Chromium, Total, ICAP		0.026		mg/l	0.020
05/04/07	Metals digestion performed.		Y		Yes/No	
05/01/07	Nitrate as Nitrogen by IC		15.7		mg/l	2.5
05/04/07	PH (H3=past HT, not compliant)		7.6		Units	0.0010
05/04/07	Perchlorate		4680		ug/l	400
05/02/07	Total Dissolved Solid (TDS)		5970	500	mg/l	10
	2705010130	PC-125				
05/07/07	Chromium, Total, ICAP		0.025		mg/l	0.020

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Laboratory
Hits Report
#203068

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

Samples Received
01-may-2007 13:36:06

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705010130	PC-125				
05/04/07		Metals digestion performed.	Y		Yes/No	
05/04/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010
05/04/07		Perchlorate	5780		ug/l	400
05/02/07		Total Dissolved Solid (TDS)	6330	500	mg/l	10
	2705010131	PC-126				
05/02/07		Chlorate by IC	184000		ug/l	10000
05/07/07		Chromium, Total, ICAP	0.067		mg/l	0.020
05/04/07		Metals digestion performed.	Y		Yes/No	
05/01/07		Nitrate as Nitrogen by IC	38.8		mg/l	5.0
05/04/07		PH (H3=past HT, not compliant)	7.5		Units	0.0010
05/04/07		Perchlorate	9000		ug/l	2000
05/02/07		Total Dissolved Solid (TDS)	8480	500	mg/l	10
	2705010132	PC-128				
05/02/07		Chlorate by IC	151000		ug/l	10000
05/07/07		Chromium, Total, ICAP	0.10		mg/l	0.020
05/04/07		Metals digestion performed.	Y		Yes/No	
05/01/07		Nitrate as Nitrogen by IC	14.9		mg/l	2.5
05/04/07		PH (H3=past HT, not compliant)	7.8		Units	0.0010
05/04/07		Perchlorate	172000		ug/l	20000
05/02/07		Total Dissolved Solid (TDS)	5560	500	mg/l	10
	2705010133	PC-129				
05/07/07		Chromium, Total, ICAP	0.59		mg/l	0.020
05/04/07		Metals digestion performed.	Y		Yes/No	
05/04/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010

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 #203068

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

Samples Received
 01-may-2007 13:36:06

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705010133	PC-129				
05/04/07	Perchlorate		373000		ug/l	40000
05/02/07	Total Dissolved Solid (TDS)		6110	500	mg/l	10
	2705010135	PC-130				
05/02/07	Chlorate by IC		651000		ug/l	10000
05/07/07	Chromium, Total, ICAP		0.71		mg/l	0.020
05/04/07	Metals digestion performed.		Y		Yes/No	
05/01/07	Nitrate as Nitrogen by IC		37.3		mg/l	2.5
05/04/07	PH (H3=past HT, not compliant)		7.5		Units	0.0010
05/04/07	Perchlorate		445000		ug/l	40000
05/02/07	Total Dissolved Solid (TDS)		6880	500	mg/l	10
	2705010136	PC-131				
05/04/07	Metals digestion performed.		Y		Yes/No	
05/04/07	PH (H3=past HT, not compliant)		7.5		Units	0.0010
05/04/07	Perchlorate		14400		ug/l	2000
05/02/07	Total Dissolved Solid (TDS)		8720	500	mg/l	10
	2705010137	PC-132				
05/03/07	Chlorate by IC		3540		ug/l	100
05/04/07	Metals digestion performed.		Y		Yes/No	
05/04/07	PH (H3=past HT, not compliant)		7.5		Units	0.0010
05/04/07	Perchlorate		3690		ug/l	2000
05/02/07	Total Dissolved Solid (TDS)		8560	500	mg/l	10
	2705010138	M-96				

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Susan Crowley
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Samples Received
01-may-2007 13:36:06

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705010138	M-96				
05/07/07		Chromium, Total, ICAP	1.7		mg/l	0.020
05/04/07		Metals digestion performed.	Y		Yes/No	
05/04/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010
05/04/07		Perchlorate	425000		ug/l	40000
05/02/07		Total Dissolved Solid (TDS)	7050	500	mg/l	10
	2705010139	M-95				
05/07/07		Chromium, Total, ICAP	1.7		mg/l	0.020
05/04/07		Metals digestion performed.	Y		Yes/No	
05/04/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010
05/04/07		Perchlorate	612000		ug/l	40000
05/02/07		Total Dissolved Solid (TDS)	7740	500	mg/l	10
	2705010140	MD-5				
05/03/07		Chlorate by IC	67200		ug/l	10000
05/07/07		Chromium, Total, ICAP	0.022		mg/l	0.020
05/04/07		Metals digestion performed.	Y		Yes/No	
05/01/07		Nitrate as Nitrogen by IC	15.2		mg/l	2.5
05/04/07		PH (H3=past HT, not compliant)	7.5		Units	0.0010
05/04/07		Perchlorate	4230		ug/l	200
05/02/07		Total Dissolved Solid (TDS)	5572	500	mg/l	10

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Data Report
#203068

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

Samples Received
05/01/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-54 (2705010116)		Sampled on 04/30/07 09:43						
	05/04/07 00:00	364971	(EPA 314)	Perchlorate	320000	ug/l	40000	10000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	2.8	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365014	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:30	364918	(SM 2540C)	Total Dissolved Solid (TDS)	6890	mg/l	10	1
M-48 (2705010117)		Sampled on 04/30/07 10:05						
	05/02/07 00:00	364659	(ML/EPA 9056)	Chlorate by IC	340000	ug/l	10000	1000
	05/04/07 00:00	364971	(EPA 314)	Perchlorate	163000	ug/l	40000	10000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	1.0	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/01/07 17:25	365352	(ML/EPA 9056)	Nitrate as Nitrogen by IC	18.3	mg/l	1.0	10
	05/04/07 00:00	365014	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/02/07	05/02/07 22:30	364918	(SM 2540C)	Total Dissolved Solid (TDS)	2850	mg/l	10	1
M-44 (2705010118)		Sampled on 04/30/07 12:30						
	05/04/07 00:00	364971	(EPA 314)	Perchlorate	754000	ug/l	200000	50000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.92	mg/l	0.020	2
	05/01/07 11:41	364391	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.98	mg/l	0.050	10
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365016	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:30	364918	(SM 2540C)	Total Dissolved Solid (TDS)	7240	mg/l	10	1
PC-71 (2705010119)		Sampled on 04/30/07 10:46						
	05/04/07 00:00	364971	(EPA 314)	Perchlorate	579000	ug/l	40000	10000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.51	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365014	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:30	364918	(SM 2540C)	Total Dissolved Solid (TDS)	7660	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-72 (2705010120)		Sampled on 04/30/07 11:01						
	05/04/07 00:00	364971	(EPA 314)	Perchlorate	365000	ug/l	40000	10000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.34	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365014	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:30	364918	(SM 2540C)	Total Dissolved Solid (TDS)	7510	mg/l	10	1
PC-73 (2705010121)		Sampled on 04/30/07 11:18						
	05/04/07 00:00	364971	(EPA 314)	Perchlorate	388000	ug/l	40000	10000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.40	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365014	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:30	364918	(SM 2540C)	Total Dissolved Solid (TDS)	7060	mg/l	10	1
PC-37 (2705010122)		Sampled on 04/30/07 11:35						
	05/04/07 00:00	364971	(EPA 314)	Perchlorate	292000	ug/l	40000	10000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.18	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365016	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:30	364918	(SM 2540C)	Total Dissolved Solid (TDS)	7120	mg/l	10	1
M-23 (2705010123)		Sampled on 04/30/07 11:58						
	05/02/07 00:00	364659	(ML/EPA 9056)	Chlorate by IC	384000	ug/l	10000	1000
	05/04/07 00:00	364971	(EPA 314)	Perchlorate	436000	ug/l	40000	10000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.88	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/01/07 17:12	365352	(ML/EPA 9056)	Nitrate as Nitrogen by IC	56.8	mg/l	2.5	25
	05/04/07 00:00	365016	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/02/07	05/02/07 22:30	364918	(SM 2540C)	Total Dissolved Solid (TDS)	4320	mg/l	10	1



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Tronox LLC - Henderson
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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-94 (2705010124)		Sampled on 04/30/07 12:11						
	05/07/07 00:00	365482	(EPA 314)	Perchlorate	681000	ug/l	40000	10000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.73	mg/l	0.020	2
	05/01/07 11:40	364391	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.78(H3)	mg/l	0.050	10
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365016	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:30	364918	(SM 2540C)	Total Dissolved Solid (TDS)	7620	mg/l	10	1
FB-1 (2705010125)		Sampled on 04/30/07 06:00						
	05/04/07 00:00	364971	(EPA 314)	Perchlorate	ND	ug/l	4.0	2
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/01/07 11:39	364391	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365013	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	5.8	Units	0.0010	1
05/02/07	05/02/07 22:30	364918	(SM 2540C)	Total Dissolved Solid (TDS)	62	mg/l	10	1
MD-1 (2705010126)		Sampled on 04/30/07 00:00						
	05/07/07 00:00	365482	(EPA 314)	Perchlorate	839000	ug/l	40000	10000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.91	mg/l	0.020	2
	05/01/07 13:55	364391	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	0.99(H3)	mg/l	0.050	10
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365013	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/02/07	05/02/07 22:30	364918	(SM 2540C)	Total Dissolved Solid (TDS)	7940	mg/l	10	1
MD-3 (2705010127)		Sampled on 04/30/07 00:00						
	05/07/07 00:00	365482	(EPA 314)	Perchlorate	647000	ug/l	40000	10000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	1.7	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365013	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:30	364918	(SM 2540C)	Total Dissolved Solid (TDS)	7600	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-123 (2705010128)				Sampled on 04/30/07 06:07				
	05/07/07 00:00	365482	(EPA 314)	Perchlorate	393000	ug/l	40000	10000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	1.5	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365013	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:31	364924	(SM 2540C)	Total Dissolved Solid (TDS)	7670	mg/l	10	1
PC-124 (2705010129)				Sampled on 04/30/07 06:25				
	05/02/07 00:00	364659	(ML/EPA 9056)	Chlorate by IC	66200	ug/l	10000	1000
	05/04/07 00:00	364971	(EPA 314)	Perchlorate	4680	ug/l	400	100
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.026	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/01/07 17:51	365352	(ML/EPA 9056)	Nitrate as Nitrogen by IC	15.7	mg/l	2.5	25
	05/04/07 00:00	365013	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:31	364924	(SM 2540C)	Total Dissolved Solid (TDS)	5970	mg/l	10	1
PC-125 (2705010130)				Sampled on 04/30/07 06:37				
	05/04/07 00:00	364971	(EPA 314)	Perchlorate	5780	ug/l	400	100
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.025	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365013	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:31	364924	(SM 2540C)	Total Dissolved Solid (TDS)	6330	mg/l	10	1
PC-126 (2705010131)				Sampled on 04/30/07 06:54				
	05/02/07 00:00	364659	(ML/EPA 9056)	Chlorate by IC	184000	ug/l	10000	1000
	05/04/07 00:00	364971	(EPA 314)	Perchlorate	9000	ug/l	2000	500
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.067	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/01/07 17:38	365352	(ML/EPA 9056)	Nitrate as Nitrogen by IC	38.8	mg/l	5.0	50
	05/04/07 00:00	365013	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/02/07	05/02/07 22:31	364924	(SM 2540C)	Total Dissolved Solid (TDS)	8480	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-128 (2705010132)		Sampled on 04/30/07 07:15						
	05/02/07 00:00	364659	(ML/EPA 9056)	Chlorate by IC	151000	ug/l	10000	1000
	05/04/07 00:00	365260	(EPA 314)	Perchlorate	172000	ug/l	20000	5000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.10	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/01/07 16:20	365352	(ML/EPA 9056)	Nitrate as Nitrogen by IC	14.9	mg/l	2.5	25
	05/04/07 00:00	365013	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/02/07	05/02/07 22:31	364924	(SM 2540C)	Total Dissolved Solid (TDS)	5560	mg/l	10	1
PC-129 (2705010133)		Sampled on 04/30/07 07:30						
	05/04/07 00:00	365260	(EPA 314)	Perchlorate	373000	ug/l	40000	10000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.59	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365013	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:31	364924	(SM 2540C)	Total Dissolved Solid (TDS)	6110	mg/l	10	1
PC-130 (2705010135)		Sampled on 04/30/07 07:46						
	05/02/07 00:00	364659	(ML/EPA 9056)	Chlorate by IC	651000	ug/l	10000	1000
	05/04/07 00:00	365260	(EPA 314)	Perchlorate	445000	ug/l	40000	10000
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	0.71	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/01/07 16:33	365352	(ML/EPA 9056)	Nitrate as Nitrogen by IC	37.3	mg/l	2.5	25
	05/04/07 00:00	365014	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/02/07	05/02/07 22:31	364924	(SM 2540C)	Total Dissolved Solid (TDS)	6880	mg/l	10	1
PC-131 (2705010136)		Sampled on 04/30/07 08:05						
	05/04/07 00:00	365260	(EPA 314)	Perchlorate	14400	ug/l	2000	500
	05/07/07 00:00	365398	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365014	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/02/07	05/02/07 22:31	364924	(SM 2540C)	Total Dissolved Solid (TDS)	8720	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-132 (2705010137)		Sampled on 04/30/07 08:21						
	05/03/07 00:00	364976	(ML/EPA 9056)	Chlorate by IC	3540	ug/l	100	10
	05/04/07 00:00	365260	(EPA 314)	Perchlorate	3690	ug/l	2000	500
	05/07/07 00:00	365400	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/01/07 16:46	365352	(ML/EPA 9056)	Nitrate as Nitrogen by IC	ND	mg/l	2.5	50
	05/04/07 00:00	365014	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/02/07	05/02/07 22:31	364924	(SM 2540C)	Total Dissolved Solid (TDS)	8560	mg/l	10	1
M-96 (2705010138)		Sampled on 04/30/07 08:52						
	05/04/07 00:00	365260	(EPA 314)	Perchlorate	425000	ug/l	40000	10000
	05/07/07 00:00	365400	(ML/EPA 6010B)	Chromium, Total, ICAP	1.7	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365014	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:31	364924	(SM 2540C)	Total Dissolved Solid (TDS)	7050	mg/l	10	1
M-95 (2705010139)		Sampled on 04/30/07 09:06						
	05/04/07 00:00	365260	(EPA 314)	Perchlorate	612000	ug/l	40000	10000
	05/07/07 00:00	365400	(ML/EPA 6010B)	Chromium, Total, ICAP	1.7	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/04/07 00:00	365014	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/02/07	05/02/07 22:31	364924	(SM 2540C)	Total Dissolved Solid (TDS)	7740	mg/l	10	1
MD-5 (2705010140)		Sampled on 04/30/07 00:00						
	05/03/07 00:00	364976	(ML/EPA 9056)	Chlorate by IC	67200	ug/l	10000	1000
	05/04/07 00:00	365260	(EPA 314)	Perchlorate	4230	ug/l	200	50
	05/07/07 00:00	365400	(ML/EPA 6010B)	Chromium, Total, ICAP	0.022	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/01/07 16:59	365352	(ML/EPA 9056)	Nitrate as Nitrogen by IC	15.2	mg/l	2.5	25
	05/04/07 00:00	365013	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
05/02/07	05/02/07 22:31	364924	(SM 2540C)	Total Dissolved Solid (TDS)	5572	mg/l	10	1



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QC Ref #364391 - Hexavalent chromium (Cr VI) Analysis Date: 05/01/2007

2705010118	M-44	Analyzed by: wbh
2705010124	M-94	Analyzed by: wbh
2705010125	FB-1	Analyzed by: wbh
2705010126	MD-1	Analyzed by: wbh

QC Ref #364659 - Chlorate by IC Analysis Date: 05/02/2007

2705010117	M-48	Analyzed by: raja
2705010123	M-23	Analyzed by: raja
2705010129	PC-124	Analyzed by: raja
2705010131	PC-126	Analyzed by: raja
2705010132	PC-128	Analyzed by: raja
2705010135	PC-130	Analyzed by: raja

QC Ref #364918 - Total Dissolved Solid (TDS) Analysis Date: 05/02/2007

2705010116	PC-54	Analyzed by: dtn
2705010117	M-48	Analyzed by: dtn
2705010118	M-44	Analyzed by: dtn
2705010119	PC-71	Analyzed by: dtn
2705010120	PC-72	Analyzed by: dtn
2705010121	PC-73	Analyzed by: dtn
2705010122	PC-37	Analyzed by: dtn
2705010123	M-23	Analyzed by: dtn
2705010124	M-94	Analyzed by: dtn
2705010125	FB-1	Analyzed by: dtn
2705010126	MD-1	Analyzed by: dtn
2705010127	MD-3	Analyzed by: dtn

QC Ref #364924 - Total Dissolved Solid (TDS) Analysis Date: 05/02/2007

2705010128	PC-123	Analyzed by: dtn
2705010129	PC-124	Analyzed by: dtn
2705010130	PC-125	Analyzed by: dtn
2705010131	PC-126	Analyzed by: dtn
2705010132	PC-128	Analyzed by: dtn
2705010133	PC-129	Analyzed by: dtn
2705010135	PC-130	Analyzed by: dtn
2705010136	PC-131	Analyzed by: dtn
2705010137	PC-132	Analyzed by: dtn



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(continued)

2705010138	M-96	Analyzed by: dtn
2705010139	M-95	Analyzed by: dtn
2705010140	MD-5	Analyzed by: dtn

QC Ref #364971 - Perchlorate

Analysis Date: 05/04/2007

2705010116	PC-54	Analyzed by: raja
2705010117	M-48	Analyzed by: raja
2705010118	M-44	Analyzed by: raja
2705010119	PC-71	Analyzed by: raja
2705010120	PC-72	Analyzed by: raja
2705010121	PC-73	Analyzed by: raja
2705010122	PC-37	Analyzed by: raja
2705010123	M-23	Analyzed by: raja
2705010125	FB-1	Analyzed by: raja
2705010129	PC-124	Analyzed by: raja
2705010130	PC-125	Analyzed by: raja
2705010131	PC-126	Analyzed by: raja

QC Ref #364976 - Chlorate by IC

Analysis Date: 05/03/2007

2705010137	PC-132	Analyzed by: raja
2705010140	MD-5	Analyzed by: raja

QC Ref #365013 - PH (H3=past HT, not compliant) Analysis Date: 05/04/2007

2705010125	FB-1	Analyzed by: sar
2705010126	MD-1	Analyzed by: sar
2705010127	MD-3	Analyzed by: sar
2705010128	PC-123	Analyzed by: sar
2705010129	PC-124	Analyzed by: sar
2705010130	PC-125	Analyzed by: sar
2705010131	PC-126	Analyzed by: sar
2705010132	PC-128	Analyzed by: sar
2705010133	PC-129	Analyzed by: sar
2705010140	MD-5	Analyzed by: sar



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Tronox LLC - Henderson
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QC Ref #365014 - PH (H3=past HT, not compliant) Analysis Date: 05/04/2007

2705010116	PC-54	Analyzed by: sar
2705010117	M-48	Analyzed by: sar
2705010119	PC-71	Analyzed by: sar
2705010120	PC-72	Analyzed by: sar
2705010121	PC-73	Analyzed by: sar
2705010135	PC-130	Analyzed by: sar
2705010136	PC-131	Analyzed by: sar
2705010137	PC-132	Analyzed by: sar
2705010138	M-96	Analyzed by: sar
2705010139	M-95	Analyzed by: sar

QC Ref #365016 - PH (H3=past HT, not compliant) Analysis Date: 05/04/2007

2705010118	M-44	Analyzed by: sar
2705010122	PC-37	Analyzed by: sar
2705010123	M-23	Analyzed by: sar
2705010124	M-94	Analyzed by: sar

QC Ref #365260 - Perchlorate

Analysis Date: 05/04/2007

2705010132	PC-128	Analyzed by: raja
2705010133	PC-129	Analyzed by: raja
2705010135	PC-130	Analyzed by: raja
2705010136	PC-131	Analyzed by: raja
2705010137	PC-132	Analyzed by: raja
2705010138	M-96	Analyzed by: raja
2705010139	M-95	Analyzed by: raja
2705010140	MD-5	Analyzed by: raja

QC Ref #365352 - Nitrate as Nitrogen by IC

Analysis Date: 05/01/2007

2705010117	M-48	Analyzed by: jkz
2705010123	M-23	Analyzed by: jkz
2705010129	PC-124	Analyzed by: jkz
2705010131	PC-126	Analyzed by: jkz
2705010132	PC-128	Analyzed by: jkz
2705010135	PC-130	Analyzed by: jkz



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2705010137	PC-132	Analyzed by: jkz
2705010140	MD-5	Analyzed by: jkz

QC Ref #365398 - Chromium, Total, ICAP

Analysis Date: 05/07/2007

2705010116	PC-54	Analyzed by: wbh
2705010117	M-48	Analyzed by: wbh
2705010118	M-44	Analyzed by: wbh
2705010119	PC-71	Analyzed by: wbh
2705010120	PC-72	Analyzed by: wbh
2705010121	PC-73	Analyzed by: wbh
2705010122	PC-37	Analyzed by: wbh
2705010123	M-23	Analyzed by: wbh
2705010124	M-94	Analyzed by: wbh
2705010125	FB-1	Analyzed by: wbh
2705010126	MD-1	Analyzed by: wbh
2705010127	MD-3	Analyzed by: wbh
2705010128	PC-123	Analyzed by: wbh
2705010129	PC-124	Analyzed by: wbh
2705010130	PC-125	Analyzed by: wbh
2705010131	PC-126	Analyzed by: wbh
2705010132	PC-128	Analyzed by: wbh
2705010133	PC-129	Analyzed by: wbh
2705010135	PC-130	Analyzed by: wbh
2705010136	PC-131	Analyzed by: wbh

QC Ref #365400 - Chromium, Total, ICAP

Analysis Date: 05/07/2007

2705010137	PC-132	Analyzed by: wbh
2705010138	M-96	Analyzed by: wbh
2705010139	M-95	Analyzed by: wbh
2705010140	MD-5	Analyzed by: wbh

QC Ref #365482 - Perchlorate

Analysis Date: 05/07/2007

2705010124	M-94	Analyzed by: raja
2705010126	MD-1	Analyzed by: raja
2705010127	MD-3	Analyzed by: raja
2705010128	PC-123	Analyzed by: raja



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Tronox LLC - Henderson

QC Ref #364391 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05010126	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.050	MGL	100.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.049	MGL	98.0	(85-115)	
MBLK	Hexavalent chromium (Cr VI)	ND	<0.0050	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.005	MGL	100.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	1.00	0.98	MGL	98.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	1.00	0.98	MGL	98.0	(70-130)	

QC Ref #364659 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05010186	UGL		(0-0)	
LCS1	Chlorate by IC	200	197	UGL	98.5	(90-110)	
LCS2	Chlorate by IC	200	199	UGL	99.5	(90-110)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.0	10.0	UGL	100.0	(50-150)	
MS	Chlorate by IC	100	96.8	UGL	96.8	(75-125)	
MSD	Chlorate by IC	100	99.4	UGL	99.4	(75-125)	
RPD_LCS	Chlorate by IC	98.500	99.500	UGL	1.0	(0-20)	
RPD_MS	Chlorate by IC	96.800	99.400	UGL	2.7	(0-20)	

QC Ref #364918 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	04260292	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	754	768	MGL		(0-10)	1.8
LCS1	Total Dissolved Solid (TDS)	175	186	MGL	106.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	706	MGL	100.9	(85-115)	
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)	106.286	100.857	MGL	5.2	(0-20)	

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

Tronox LLC - Henderson
 (continued)

QC Ref #364924 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05010128	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	7670	7720	MGL		(0-10)	0.6
LCS1	Total Dissolved Solid (TDS)	175	178	MGL	101.7	(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	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	101.714	99.429	MGL	2.3	(0-20)	

*** QC Ref #364971 Perchlorate**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05030192	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS3	Perchlorate	4	3.93	UGL	98.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.1	UGL	88.4	(80-120)	
MSD	Perchlorate	25.0	22.3	UGL	89.2	(80-120)	
RPD_LCS	Perchlorate	99.200	96.800	UGL	2.4	(0-15)	
RPD_MS	Perchlorate	88.400	89.200	UGL	1.0	(0-15)	

QC Ref #364976 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05010113	UGL		(0-0)	
LCS1	Chlorate by IC	200	199	UGL	99.5	(90-110)	
LCS2	Chlorate by IC	200	202	UGL	101.0	(90-110)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.0	11.1	UGL	111.0	(50-150)	

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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MS	Chlorate by IC	100	92.5	UGL	92.5	(75-125)
MSD	Chlorate by IC	100	94.1	UGL	94.1	(75-125)
RPD_LCS	Chlorate by IC	99.500	101.000	UGL	1.5	(0-20)
RPD_MS	Chlorate by IC	92.500	94.100	UGL	1.7	(0-20)

QC Ref #365013 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

QC Ref #365014 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.6	7.6	UNIT		(0-20)	0.0

QC Ref #365016 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.2	7.2	UNIT		(0-20)	0.0

QC Ref #365260 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05010136	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.8	UGL	103.2	(85-115)	
LCS2	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS3	Perchlorate	4	4.09	UGL	102.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	27.2	UGL	108.8	(80-120)	
MSD	Perchlorate	25.0	23.9	UGL	95.6	(80-120)	
RPD_LCS	Perchlorate	103.200	99.200	UGL	4.0	(0-15)	
RPD_MS	Perchlorate	108.800	95.600	UGL	0.9	(0-15)	

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.

Tronox LLC - Henderson
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QC Ref #365352 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05010186	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.57	MGL	102.8	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.46	MGL	98.4	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.0472	MGL	94.4	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.31	MGL	104.8	(80-112)	
MSD	Nitrate as Nitrogen by IC	1.25	1.30	MGL	104.0	(80-112)	
RPD_LCS	Nitrate as Nitrogen by IC	102.800	98.400	MGL	4.4	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	104.800	104.000	MGL	0.8	(0-20)	

QC Ref #365398 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05010118	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.970	MGL	97.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0104	MGL	104.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.954	MGL	95.4	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.975	MGL	97.5	(70-130)	

QC Ref #365400 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05010137	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.963	MGL	96.3	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0104	MGL	104.0	(50-150)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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MS	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)
MSD	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	(70-130)

QC Ref #365482

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05010736	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS2	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS3	Perchlorate	4	4.37	UGL	109.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.9	UGL	99.6	(80-120)	
MSD	Perchlorate	25.0	24.0	UGL	96.0	(80-120)	
RPD_LCS	Perchlorate	105.600	105.600	UGL	0.0	(.0-15)	
RPD_MS	Perchlorate	99.600	96.000	UGL	1.0	(0-15)	

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.