



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)

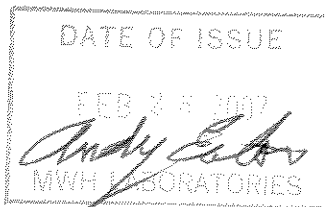
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 195713
Project: CLO4
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 24 page[s].



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

MW LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: PC

SAMPLE TEMP, RECEIPT AT LAB: PC

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-MP Sampler: Michele Brown Susan Crowley (702) 651-2200		Collection Wells Fields - Monthly - SO #12374 Tronox 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 ₂	TDS	NO ₃	NO ₂	NO ₂	NO ₃	NO ₃	NO ₃	NO ₃	NO ₃	NO ₃	SAMPLER COMMENTS
7:10	2/8/07		M-83	RSW	X		X	X										
7:03	2/8/07		M-87	RSW	X		X	X										
10:57	2/6/07		PC-98R	RSW	X		X	X										
8:25	2/8/07		PC-86	RSW	X		X	X										
8:42	2/8/07		PC-90	RSW	X		X	X										
7:18	2/6/07		PC-56	RSW	X		X	X										
7:07	2/6/07		PC-58	RSW	X		X	X										
7:39	2/6/07		PC-59	RSW	X		X	X										
7:27	2/6/07		PC-60	RSW	X		X	X										
7:48	2/6/07		PC-62	RSW	X		X	X										
7:58	2/6/07		PC-68	RSW	X		X	X										
11:38	2/6/07		PC-122	RSW	X		X	X										NO SAMPLE

Reported by Volume:

CFW = Chlor(amin)ated Finished Water
FW = Other Finished Water

Reported by Weight:

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

RGW = Raw Ground Water
RSW = Raw Surface Water

SIGNATURE

RELINQUISHED BY: Michele Brown
RECEIVED BY: Fidel Chavez
RELINQUISHED BY: _____
RECEIVED BY: _____

PRINT NAME

Michele Brown

Fidel Chavez

COMPANY/TITLE

Vedlia Water for Tronox LLC - Henderson Plant

DATE

2/8/2007

TIME

1200pm



MWLABS USE ONLY:

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

SAMPLES CHECKED/LOGGED IN BY: HC

SAMPLE TEMP, RECEIPT AT LAB: SC

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
 KERRMCGEE-MP Collection Wells Fields - Monthly - SO #12374
 Sampler: Michele Brown Tronox LLC - Henderson Plant
 Susan Crowley (702) 651-2200 P.O. 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)										SAMPLER COMMENTS					
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CL	DS	GR	CO3	NO3						
8:57	2/8/07		PC-91	RSW	X		X	X	X								
8:08	2/8/07		PC-95	RSW	X		X	X	X								
7:54	2/8/07		PC-97	RSW	X		X	X	X								
			MW-K2	RSW	X		X	X	X								Well Dry
9:23	2/8/07		PC-12	RSW	X		X	X	X								
9:38	2/8/07		PC-17	RSW	X		X	X	X								
12:09	2/7/07		PC-18	RSW	X		X	X	X								
9:54	2/7/07		PC-55	RSW	X		X	X	X								
9:51	2/8/07		PC-101R	RSW	X		X	X	X								
11:38	2/7/07		L-635	RSW	X		X	X	X								
10:42	2/7/07		L-637	RSW	X		X	X	X								

* MATRIX TYPES: Reported by Volume: CW = Chlor(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

SIGNATURE: Michele Brown PRINT NAME: Michele Brown

COMPANY/TITLE: Veolia Water for Tronox LLC - Henderson Plant

DATE: 2/8/2007 TIME: 1200pm

RELINQUISHED BY: [Signature] RECEIVED BY: [Signature]

RELINQUISHED BY: [Signature] RECEIVED BY: [Signature]



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
PC# / Job# GWREMEDIATION
Blanket PO

SO# 34133 12374 RS

Sampler: Please Return this Paper with your samples

Created by
Order Date
01/09/07
Date Needed by Client
Date Samples to Arrive at MWL
SHIP LOCATION

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

Quote#

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
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



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#: 195713
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **02/09/07**. 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
2702090175	M-83	CLO4 CR	Water	08-feb-2007 07:10:00
2702090179	M-87	CLO4 CR	Water	08-feb-2007 07:03:00
2702090180	PC-98R	CLO4 CR	Water	08-feb-2007 10:57:00
2702090181	PC-86	CLO4 CR	Water	08-feb-2007 08:25:00
2702090182	PC-90	CLO4 CR	Water	08-feb-2007 08:42:00
2702090183	PC-56	CLO4 CR	Water	08-feb-2007 07:18:00
2702090184	PC-58	CLO4 CR	Water	08-feb-2007 07:07:00
2702090185	PC-59	CLO4 CR	Water	08-feb-2007 07:39:00
2702090186	PC-60	CLO4 CR	Water	08-feb-2007 07:27:00
2702090187	PC-62	CLO4 CR	Water	08-feb-2007 07:48:00
2702090188	PC-68	CLO4 CR	Water	08-feb-2007 07:58:00
2702090189	PC-122	CLO4 CR	Water	08-feb-2007 11:38:00
2702090190	PC-91	CLO4 CR	Water	08-feb-2007 08:57:00
2702090191	PC-95	CLO4 CR	Water	08-feb-2007 08:08:00
2702090192	PC-97	CLO4 CR	Water	08-feb-2007 07:54:00
2702090193	PC-12	CLO4 CR	Water	08-feb-2007 09:23:00
2702090194	PC-17	CLO4 CR	Water	08-feb-2007 09:38:00

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

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2702090195	PC-18	CLO4 CR	Water P T	07-feb-2007 12:09:00 TDS
2702090196	PC-55	CLO4 CR	Water P T	07-feb-2007 09:54:00 TDS
2702090197	PC-101R	CLO4 CR	Water P T	08-feb-2007 09:51:00 TDS
2702090198	L-635	CLO4 CR	Water P T	07-feb-2007 11:38:00 TDS
2702090199	L-637	CLO4 CR	Water P T	07-feb-2007 10:42:00 TDS
2702090200	MWK-4	CLO4 CR	Water P T	08-feb-2007 11:12:00 TDS
2702090201	ARP-1	CLO4 CR	Water P T	08-feb-2007 10:05:00 TDS
2702090202	ARP-2	CLO4 CR	Water P T	08-feb-2007 10:19:00 TDS
2702090203	ARP-3	CLO4 CR	Water P T	08-feb-2007 10:30:00 TDS
2702090204	ARP-4	CLO4 CR	Water P T	08-feb-2007 10:42:00 TDS
2702090205	ARP-6A	CLO4 CR	Water P T	08-feb-2007 11:01:00 TDS
2702090206	ARP-7	CLO4 CR	Water P T	06-feb-2007 09:28:00 TDS
2702090207	PC-53	CLO4 CR	Water P T	06-feb-2007 09:42:00 TDS
2702090208	PC-103	CLO4 CR	Water P T	06-feb-2007 10:22:00 TDS
2702090209	MWK-5	CLO4 CR	Water P T	06-feb-2007 09:58:00 TDS

Test Acronym Description

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



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Report
Comments
#195713

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: _____



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Laboratory
 Hits Report
 #195713

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

Samples Received
 09-feb-2007 14:08:08

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702090175	M-83				
02/15/07		Chromium, Total, ICAP	0.063		mg/l	0.020
02/11/07		Perchlorate	6630		ug/l	2000
02/12/07		Total Dissolved Solid (TDS)	1390	500	mg/l	10
	2702090179	M-87				
02/15/07		Chromium, Total, ICAP	1.9		mg/l	0.020
02/14/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	80900		ug/l	20000
02/12/07		Total Dissolved Solid (TDS)	1590	500	mg/l	10
	2702090180	PC-98R				
02/12/07		Chromium, Total, ICAP	0.055		mg/l	0.020
02/11/07		Perchlorate	36000		ug/l	2000
02/12/07		Total Dissolved Solid (TDS)	7380	500	mg/l	10
	2702090181	PC-86				
02/14/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	2720		ug/l	400
02/12/07		Total Dissolved Solid (TDS)	3090	500	mg/l	10
	2702090182	PC-90				
02/14/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	6640		ug/l	2000
02/12/07		Total Dissolved Solid (TDS)	6420	500	mg/l	10
	2702090183	PC-56				

SUMMARY OF POSITIVE DATA ONLY.



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#195713

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

Samples Received
09-feb-2007 14:08:08

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702090183	PC-56				
02/14/07		Metals digestion performed.	Y		Yes/No	
02/12/07		Perchlorate	3330		ug/l	400
02/12/07		Total Dissolved Solid (TDS)	3850	500	mg/l	10
	2702090184	PC-58				
02/15/07		Chromium, Total, ICAP	0.071		mg/l	0.020
02/14/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	5550		ug/l	800
02/12/07		Total Dissolved Solid (TDS)	5000	500	mg/l	10
	2702090185	PC-59				
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	7940		ug/l	800
02/12/07		Total Dissolved Solid (TDS)	5020	500	mg/l	10
	2702090186	PC-60				
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	4430		ug/l	800
02/12/07		Total Dissolved Solid (TDS)	3880	500	mg/l	10
	2702090187	PC-62				
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	2420		ug/l	400
02/12/07		Total Dissolved Solid (TDS)	3290	500	mg/l	10

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702090188	PC-68				
	2702090188	PC-68				
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	21		ug/l	10
02/12/07		Total Dissolved Solid (TDS)	2280	500	mg/l	10
	2702090189	PC-122				
02/16/07		Chromium, Total, ICAP	0.10		mg/l	0.020
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	12700		ug/l	2000
02/12/07		Total Dissolved Solid (TDS)	9740	500	mg/l	10
	2702090190	PC-91				
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	8470		ug/l	2000
02/12/07		Total Dissolved Solid (TDS)	7610	500	mg/l	10
	2702090191	PC-95				
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	523		ug/l	80
02/12/07		Total Dissolved Solid (TDS)	2510	500	mg/l	10
	2702090192	PC-97				
02/11/07		Perchlorate	3140		ug/l	200
02/12/07		Total Dissolved Solid (TDS)	3070	500	mg/l	10

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702090192	PC-97				
	2702090193	PC-12				
02/16/07		Chromium, Total, ICAP	0.20		mg/l	0.020
02/15/07		Metals digestion performed.	Y		Yes/No	
02/16/07		Perchlorate	64900		ug/l	4000
02/12/07		Total Dissolved Solid (TDS)	7490	500	mg/l	10
	2702090194	PC-17				
02/16/07		Chromium, Total, ICAP	0.28		mg/l	0.020
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	397000		ug/l	20000
02/12/07		Total Dissolved Solid (TDS)	10000	500	mg/l	10
	2702090195	PC-18				
02/16/07		Chromium, Total, ICAP	0.15		mg/l	0.020
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	255000		ug/l	20000
02/10/07		Total Dissolved Solid (TDS)	9980	500	mg/l	10
	2702090196	PC-55				
02/11/07		Perchlorate	1790		ug/l	200
02/10/07		Total Dissolved Solid (TDS)	7800	500	mg/l	10
	2702090197	PC-101R				
02/16/07		Chromium, Total, ICAP	0.081		mg/l	0.020

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PO Box 55
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09-feb-2007 14:08:08

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702090197	PC-101R				
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	146000		ug/l	20000
02/12/07		Total Dissolved Solid (TDS)	10300	500	mg/l	10
	2702090198	L-635				
02/10/07		Total Dissolved Solid (TDS)	7300	500	mg/l	10
	2702090199	L-637				
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	36		ug/l	4.0
02/10/07		Total Dissolved Solid (TDS)	7330	500	mg/l	10
	2702090200	MWK-4				
02/16/07		Chromium, Total, ICAP	0.032		mg/l	0.020
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	115000		ug/l	20000
02/12/07		Total Dissolved Solid (TDS)	7850	500	mg/l	10
	2702090201	ARP-1				
02/11/07		Perchlorate	191		ug/l	40
02/12/07		Total Dissolved Solid (TDS)	6240	500	mg/l	10
	2702090202	ARP-2				
02/11/07		Perchlorate	1550		ug/l	400
02/12/07		Total Dissolved Solid (TDS)	7300	500	mg/l	10

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702090202	ARP-2				
	2702090203	ARP-3				
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	51900		ug/l	4000
02/12/07		Total Dissolved Solid (TDS)	9000	500	mg/l	10
	2702090204	ARP-4				
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	30900		ug/l	4000
02/12/07		Total Dissolved Solid (TDS)	5290	500	mg/l	10
	2702090205	ARP-6A				
02/16/07		Chromium, Total, ICAP	0.12		mg/l	0.020
02/15/07		Metals digestion performed.	Y		Yes/No	
02/11/07		Perchlorate	18000		ug/l	4000
02/12/07		Total Dissolved Solid (TDS)	10200	500	mg/l	10
	2702090206	ARP-7				
02/11/07		Perchlorate	5070		ug/l	400
02/10/07		Total Dissolved Solid (TDS)	5510	500	mg/l	10
	2702090207	PC-53				
02/15/07		Metals digestion performed.	Y		Yes/No	
02/12/07		Perchlorate	3660		ug/l	400
02/10/07		Total Dissolved Solid (TDS)	4460	500	mg/l	10

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	2702090207	PC-53				
	2702090208	PC-103				
02/15/07		Metals digestion performed.	Y		Yes/No	
02/12/07		Perchlorate	4880		ug/l	400
02/10/07		Total Dissolved Solid (TDS)	4180	500	mg/l	10
	2702090209	MWK-5				
02/16/07		Chromium, Total, ICAP	0.034		mg/l	0.020
02/15/07		Metals digestion performed.	Y		Yes/No	
02/16/07		Perchlorate	20800		ug/l	2000
02/10/07		Total Dissolved Solid (TDS)	7210	500	mg/l	10

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Data Report
#195713

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

Samples Received
02/09/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-83 (2702090175)		Sampled on 02/08/07 07:10						
	02/11/07 00:00	352283	(EPA 314)	Perchlorate	6630	ug/l	2000	500
	02/15/07 13:01	353262	(ML/EPA 200.7)	Chromium, Total, ICAP	0.063	mg/l	0.020	2
02/12/07	02/12/07 14:31	352979	(SM 2540C)	Total Dissolved Solid (TDS)	1390	mg/l	10	1
M-87 (2702090179)		Sampled on 02/08/07 07:03						
	02/11/07 00:00	352283	(EPA 314)	Perchlorate	80900	ug/l	20000	5000
	02/15/07 00:17	353149	(ML/EPA 200.7)	Chromium, Total, ICAP	1.9	mg/l	0.020	2
	02/14/07 10:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 14:31	352979	(SM 2540C)	Total Dissolved Solid (TDS)	1590	mg/l	10	1
PC-98R (2702090180)		Sampled on 02/08/07 10:57						
	02/11/07 00:00	352283	(EPA 314)	Perchlorate	36000	ug/l	2000	500
	02/12/07 08:52	352540	(ML/EPA 200.7)	Chromium, Total, ICAP	0.055	mg/l	0.020	2
02/12/07	02/12/07 15:03	353175	(SM 2540C)	Total Dissolved Solid (TDS)	7380	mg/l	10	1
PC-86 (2702090181)		Sampled on 02/08/07 08:25						
	02/11/07 00:00	352283	(EPA 314)	Perchlorate	2720	ug/l	400	100
	02/15/07 00:21	353149	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/14/07 10:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 14:31	352979	(SM 2540C)	Total Dissolved Solid (TDS)	3090	mg/l	10	1
PC-90 (2702090182)		Sampled on 02/08/07 08:42						
	02/11/07 00:00	352283	(EPA 314)	Perchlorate	6640	ug/l	2000	500
	02/15/07 00:25	353149	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/14/07 10:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 14:31	352979	(SM 2540C)	Total Dissolved Solid (TDS)	6420	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
PC-56 (2702090183) Sampled on 02/08/07 07:18								
	02/12/07 00:00	352784	(EPA 314	) Perchlorate	3330	ug/l	400	100
	02/15/07 00:30	353149	(ML/EPA 200.7	) Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/14/07 10:42		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 14:31	352979	(SM 2540C	) Total Dissolved Solid (TDS)	3850	mg/l	10	1
PC-58 (2702090184) Sampled on 02/08/07 07:07								
	02/11/07 00:00	352283	(EPA 314	) Perchlorate	5550	ug/l	800	200
	02/15/07 00:34	353149	(ML/EPA 200.7	) Chromium, Total, ICAP	0.071	mg/l	0.020	2
	02/14/07 10:42		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 14:31	352979	(SM 2540C	) Total Dissolved Solid (TDS)	5000	mg/l	10	1
PC-59 (2702090185) Sampled on 02/08/07 07:39								
	02/11/07 00:00	352283	(EPA 314	) Perchlorate	7940	ug/l	800	200
	02/16/07 20:53	353564	(ML/EPA 200.7	) Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 14:31	352979	(SM 2540C	) Total Dissolved Solid (TDS)	5020	mg/l	10	1
PC-60 (2702090186) Sampled on 02/08/07 07:27								
	02/11/07 00:00	352283	(EPA 314	) Perchlorate	4430	ug/l	800	200
	02/16/07 20:57	353564	(ML/EPA 200.7	) Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 14:31	352979	(SM 2540C	) Total Dissolved Solid (TDS)	3880	mg/l	10	1
PC-62 (2702090187) Sampled on 02/08/07 07:48								
	02/11/07 00:00	352283	(EPA 314	) Perchlorate	2420	ug/l	400	100
	02/16/07 21:02	353564	(ML/EPA 200.7	) Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 14:31	352979	(SM 2540C) Total Dissolved Solid (TDS)	3290	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-68 (2702090188) Sampled on 02/08/07 07:58								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	21	ug/l	10	5
	02/16/07 21:06	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 14:31	352979	(SM 2540C)	Total Dissolved Solid (TDS)	2280	mg/l	10	1
PC-122 (2702090189) Sampled on 02/08/07 11:38								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	12700	ug/l	2000	500
	02/16/07 21:21	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	0.10	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 15:03	353175	(SM 2540C)	Total Dissolved Solid (TDS)	9740	mg/l	10	1
PC-91 (2702090190) Sampled on 02/08/07 08:57								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	8470	ug/l	2000	500
	02/16/07 21:26	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 15:03	353175	(SM 2540C)	Total Dissolved Solid (TDS)	7610	mg/l	10	1
PC-95 (2702090191) Sampled on 02/08/07 08:08								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	523	ug/l	80	20
	02/16/07 21:30	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 14:31	352979	(SM 2540C)	Total Dissolved Solid (TDS)	2510	mg/l	10	1
PC-97 (2702090192) Sampled on 02/08/07 07:54								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	3140	ug/l	200	50
	02/12/07 08:21	352539	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
02/12/07	02/12/07 14:31	352979	(SM 2540C)	Total Dissolved Solid (TDS)	3070	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-12 (2702090193) Sampled on 02/08/07 09:23								
	02/16/07 00:00	353412	(EPA 314)	Perchlorate	64900	ug/l	4000	1000
	02/16/07 21:35	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	0.20	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 15:03	353175	(SM 2540C)	Total Dissolved Solid (TDS)	7490	mg/l	10	1
PC-17 (2702090194) Sampled on 02/08/07 09:38								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	397000	ug/l	20000	5000
	02/16/07 21:39	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	0.28	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 15:03	353175	(SM 2540C)	Total Dissolved Solid (TDS)	10000	mg/l	10	1
PC-18 (2702090195) Sampled on 02/07/07 12:09								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	255000	ug/l	20000	5000
	02/16/07 21:44	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	0.15	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/10/07	02/10/07 17:37	352800	(SM 2540C)	Total Dissolved Solid (TDS)	9980	mg/l	10	1
PC-55 (2702090196) Sampled on 02/07/07 09:54								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	1790	ug/l	200	50
	02/12/07 09:16	352540	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.050	5
02/10/07	02/10/07 17:37	352800	(SM 2540C)	Total Dissolved Solid (TDS)	7800	mg/l	10	1
PC-101R (2702090197) Sampled on 02/08/07 09:51								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	146000	ug/l	20000	5000
	02/16/07 21:48	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	0.081	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 15:03	353175	(SM 2540C)	Total Dissolved Solid (TDS)	10300	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
L-635 (2702090198) Sampled on 02/07/07 11:38								
	02/16/07 00:00	353412	(EPA 314)	Perchlorate	ND	ug/l	10	5
	02/12/07 09:12	352540	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.050	5
02/10/07	02/10/07 17:37	352800	(SM 2540C)	Total Dissolved Solid (TDS)	7300	mg/l	10	1
L-637 (2702090199) Sampled on 02/07/07 10:42								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	36	ug/l	4.0	2
	02/16/07 21:53	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/10/07	02/10/07 17:37	352800	(SM 2540C)	Total Dissolved Solid (TDS)	7330	mg/l	10	1
MWK-4 (2702090200) Sampled on 02/08/07 11:12								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	115000	ug/l	20000	5000
	02/16/07 21:57	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	0.032	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 15:03	353175	(SM 2540C)	Total Dissolved Solid (TDS)	7850	mg/l	10	1
ARP-1 (2702090201) Sampled on 02/08/07 10:05								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	191	ug/l	40	10
	02/15/07 12:56	353262	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
02/12/07	02/12/07 15:03	353175	(SM 2540C)	Total Dissolved Solid (TDS)	6240	mg/l	10	1
ARP-2 (2702090202) Sampled on 02/08/07 10:19								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	1550	ug/l	400	100
	02/12/07 09:07	352540	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
02/12/07	02/12/07 15:03	353175	(SM 2540C)	Total Dissolved Solid (TDS)	7300	mg/l	10	1
ARP-3 (2702090203) Sampled on 02/08/07 10:30								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	51900	ug/l	4000	1000
	02/16/07 22:02	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 15:03	353175	(SM 2540C)	Total Dissolved Solid (TDS)	9000	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ARP-4 (2702090204) Sampled on 02/08/07 10:42								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	30900	ug/l	4000	1000
	02/16/07 22:19	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 15:03	353175	(SM 2540C)	Total Dissolved Solid (TDS)	5290	mg/l	10	1
ARP-6A (2702090205) Sampled on 02/08/07 11:01								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	18000	ug/l	4000	1000
	02/16/07 22:23	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	0.12	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/12/07	02/12/07 15:03	353175	(SM 2540C)	Total Dissolved Solid (TDS)	10200	mg/l	10	1
ARP-7 (2702090206) Sampled on 02/06/07 09:28								
	02/11/07 00:01	352777	(EPA 314)	Perchlorate	5070	ug/l	400	100
	02/15/07 12:52	353262	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
02/10/07	02/10/07 17:05	352798	(SM 2540C)	Total Dissolved Solid (TDS)	5510	mg/l	10	1
PC-53 (2702090207) Sampled on 02/06/07 09:42								
	02/12/07 00:00	352784	(EPA 314)	Perchlorate	3660	ug/l	400	100
	02/16/07 22:28	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/10/07	02/10/07 17:05	352798	(SM 2540C)	Total Dissolved Solid (TDS)	4460	mg/l	10	1
PC-103 (2702090208) Sampled on 02/06/07 10:22								
	02/12/07 00:00	352784	(EPA 314)	Perchlorate	4880	ug/l	400	100
	02/16/07 20:44	353564	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/10/07	02/10/07 17:05	352798	(SM 2540C)	Total Dissolved Solid (TDS)	4180	mg/l	10	1



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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
MWK-5 (2702090209)				Sampled on 02/06/07 09:58				
	02/16/07 00:00	353412	(EPA 314	) Perchlorate	20800	ug/l	2000	500
	02/16/07 22:32	353564	(ML/EPA 200.7	) Chromium, Total, ICAP	0.034	mg/l	0.020	2
	02/15/07 14:49		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
02/10/07	02/10/07 17:05	352798	(SM 2540C) Total Dissolved Solid (TDS)	7210	mg/l	10	1



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Tronox LLC - Henderson

QC Ref #352283 - Perchlorate

Analysis Date: 02/11/2007

2702090175	M-83	Analyzed by: raja
2702090179	M-87	Analyzed by: raja
2702090180	PC-98R	Analyzed by: raja
2702090181	PC-86	Analyzed by: raja
2702090182	PC-90	Analyzed by: raja
2702090184	PC-58	Analyzed by: raja
2702090185	PC-59	Analyzed by: raja
2702090186	PC-60	Analyzed by: raja
2702090187	PC-62	Analyzed by: raja

QC Ref #352539 - Chromium, Total, ICAP

Analysis Date: 02/12/2007

2702090192	PC-97	Analyzed by: wbh
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QC Ref #352540 - Chromium, Total, ICAP

Analysis Date: 02/12/2007

2702090180	PC-98R	Analyzed by: wbh
2702090196	PC-55	Analyzed by: wbh
2702090198	L-635	Analyzed by: wbh
2702090202	ARP-2	Analyzed by: wbh

QC Ref #352777 - Perchlorate

Analysis Date: 02/11/2007

2702090188	PC-68	Analyzed by: raja
2702090189	PC-122	Analyzed by: raja
2702090190	PC-91	Analyzed by: raja
2702090191	PC-95	Analyzed by: raja
2702090192	PC-97	Analyzed by: raja
2702090194	PC-17	Analyzed by: raja
2702090195	PC-18	Analyzed by: raja
2702090196	PC-55	Analyzed by: raja
2702090197	PC-101R	Analyzed by: raja
2702090199	L-637	Analyzed by: raja
2702090200	MWK-4	Analyzed by: raja
2702090201	ARP-1	Analyzed by: raja
2702090202	ARP-2	Analyzed by: raja
2702090203	ARP-3	Analyzed by: raja
2702090204	ARP-4	Analyzed by: raja
2702090205	ARP-6A	Analyzed by: raja
2702090206	ARP-7	Analyzed by: raja



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QC Ref #352784 - Perchlorate

Analysis Date: 02/12/2007

2702090183	PC-56	Analyzed by: raja
2702090207	PC-53	Analyzed by: raja
2702090208	PC-103	Analyzed by: raja

QC Ref #352798 - Total Dissolved Solid (TDS)

Analysis Date: 02/10/2007

2702090206	ARP-7	Analyzed by: anh
2702090207	PC-53	Analyzed by: anh
2702090208	PC-103	Analyzed by: anh
2702090209	MWK-5	Analyzed by: anh

QC Ref #352800 - Total Dissolved Solid (TDS)

Analysis Date: 02/10/2007

2702090195	PC-18	Analyzed by: anh
2702090196	PC-55	Analyzed by: anh
2702090198	L-635	Analyzed by: anh
2702090199	L-637	Analyzed by: anh

QC Ref #352979 - Total Dissolved Solid (TDS)

Analysis Date: 02/12/2007

2702090175	M-83	Analyzed by: anh
2702090179	M-87	Analyzed by: anh
2702090181	PC-86	Analyzed by: anh
2702090182	PC-90	Analyzed by: anh
2702090183	PC-56	Analyzed by: anh
2702090184	PC-58	Analyzed by: anh
2702090185	PC-59	Analyzed by: anh
2702090186	PC-60	Analyzed by: anh
2702090187	PC-62	Analyzed by: anh
2702090188	PC-68	Analyzed by: anh
2702090191	PC-95	Analyzed by: anh
2702090192	PC-97	Analyzed by: anh



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QC Ref #353149 - Chromium, Total, ICAP

Analysis Date: 02/15/2007

2702090179	M-87	Analyzed by: wbh
2702090181	PC-86	Analyzed by: wbh
2702090182	PC-90	Analyzed by: wbh
2702090183	PC-56	Analyzed by: wbh
2702090184	PC-58	Analyzed by: wbh

QC Ref #353175 - Total Dissolved Solid (TDS)

Analysis Date: 02/12/2007

2702090180	PC-98R	Analyzed by: anh
2702090189	PC-122	Analyzed by: anh
2702090190	PC-91	Analyzed by: anh
2702090193	PC-12	Analyzed by: anh
2702090194	PC-17	Analyzed by: anh
2702090197	PC-101R	Analyzed by: anh
2702090200	MWK-4	Analyzed by: anh
2702090201	ARP-1	Analyzed by: anh
2702090202	ARP-2	Analyzed by: anh
2702090203	ARP-3	Analyzed by: anh
2702090204	ARP-4	Analyzed by: anh
2702090205	ARP-6A	Analyzed by: anh

QC Ref #353262 - Chromium, Total, ICAP

Analysis Date: 02/15/2007

2702090175	M-83	Analyzed by: wbh
2702090201	ARP-1	Analyzed by: wbh
2702090206	ARP-7	Analyzed by: wbh

QC Ref #353412 - Perchlorate

Analysis Date: 02/16/2007

2702090193	PC-12	Analyzed by: raja
2702090198	L-635	Analyzed by: raja
2702090209	MWK-5	Analyzed by: raja



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Laboratory
QC Summary
#195713

Tronox LLC - Henderson
(continued)

QC Ref #353564 - Chromium, Total, ICAP

Analysis Date: 02/16/2007

2702090185	PC-59	Analyzed by: wbh
2702090186	PC-60	Analyzed by: wbh
2702090187	PC-62	Analyzed by: wbh
2702090188	PC-68	Analyzed by: wbh
2702090189	PC-122	Analyzed by: wbh
2702090190	PC-91	Analyzed by: wbh
2702090191	PC-95	Analyzed by: wbh
2702090193	PC-12	Analyzed by: wbh
2702090194	PC-17	Analyzed by: wbh
2702090195	PC-18	Analyzed by: wbh
2702090197	PC-101R	Analyzed by: wbh
2702090199	L-637	Analyzed by: wbh
2702090200	MWK-4	Analyzed by: wbh
2702090203	ARP-3	Analyzed by: wbh
2702090204	ARP-4	Analyzed by: wbh
2702090205	ARP-6A	Analyzed by: wbh
2702090207	PC-53	Analyzed by: wbh
2702090208	PC-103	Analyzed by: wbh
2702090209	MWK-5	Analyzed by: wbh

Tronox LLC - Henderson

QC Ref #352283
Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	02090123	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS3	Perchlorate	4	3.70	UGL	92.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	
MSD	Perchlorate	25.0	22.7	UGL	90.8	(70-130)	
RPD_LCS	Perchlorate	95.600	95.600	UGL	0.0	(0-20)	
RPD_MS	Perchlorate	98.800	90.800	UGL	8.4	(0-20)	

QC Ref #352539
Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.928	MGL	92.8	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.922	MGL	92.2	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0096	MGL	96.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.913	MGL	91.3	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.908	MGL	90.8	(70-130)	

QC Ref #352540
Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0096	MGL	96.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(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.

Tronox LLC - Henderson
 (continued)

QC Ref #352777
Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	02090189	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.7	UGL	94.8	(85-115)	
LCS2	Perchlorate	25.0	23.1	UGL	92.4	(85-115)	
LCS3	Perchlorate	4	3.27	UGL	81.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.3	UGL	93.2	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	
RPD_LCS	Perchlorate	94.800	92.400	UGL	2.6	(0-20)	
RPD_MS	Perchlorate	93.200	98.800	UGL	5.8	(0-20)	

QC Ref #352784
Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	02090183	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.5	UGL	94.0	(85-115)	
LCS2	Perchlorate	25.0	23.6	UGL	94.4	(85-115)	
LCS3	Perchlorate	4	4.86	UGL	121.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.1	UGL	88.4	(70-130)	
MSD	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
RPD_LCS	Perchlorate	94.000	94.400	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	88.400	94.000	UGL	6.1	(0-20)	

QC Ref #352798
Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	02090206	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	5508	5540	MGL		(0-10)	0.6
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	(85-115)	

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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Tronox LLC - Henderson
 (continued)

LCS2	Total Dissolved Solid (TDS)	700	672	MGL	96.0	(85-115)
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)	98.286	96.000	MGL	2.4	(0-20)

QC Ref #352800 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	02070117	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	150	142	MGL		(0-10)	5.5
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	684	MGL	97.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	97.714	MGL	4.2	(0-20)	

QC Ref #352979 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	02080287	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	8430	8400	MGL		(0-10)	0.4
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	682	MGL	97.4	(85-115)	
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)	93.714	97.429	MGL	3.9	(0-20)	

QC Ref #353149 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.935	MGL	93.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.941	MGL	94.1	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			

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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MRL_CHK	Analyte	0.010	0.0090	MGL	90.0	(50-150)
MS	Chromium, Total, ICAP	1.00	0.933	MGL	93.3	(70-130)
MSD	Chromium, Total, ICAP	1.00	0.944	MGL	94.4	(70-130)

QC Ref #353175 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	02090190	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	7610	7550	MGL		(0-10)	0.8
LCS1	Total Dissolved Solid (TDS)	175	170	MGL	97.1	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	672	MGL	96.0	(85-115)	
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)	97.143	96.000	MGL	1.2	(0-20)	

QC Ref #353262 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.955	MGL	95.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.952	MGL	95.2	(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	0.941	MGL	94.1	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.946	MGL	94.6	(70-130)	

QC Ref #353412 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	02130516	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.5	UGL	110.0	(85-115)	
LCS2	Perchlorate	25.0	27.5	UGL	110.0	(85-115)	
LCS3	Perchlorate	4	4.44	UGL	111.0	(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.

Tronox LLC - Henderson
(continued)

MS	Analyte	25.0	25.5	UGL	102.0	(70-130)
MSD	Perchlorate	25.0	24.9	UGL	99.6	(70-130)
RPD_LCS	Perchlorate	110.000	110.000	UGL	0.0	(0-20)
RPD_MS	Perchlorate	102.000	99.600	UGL	2.4	(0-20)

QC Ref #353564

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.997	MGL	99.7	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.989	MGL	98.9	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0099	MGL	99.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.960	MGL	96.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.962	MGL	96.2	(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.