



MWH Laboratories

A Division of MWH Americas, Inc.

750 Foyal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

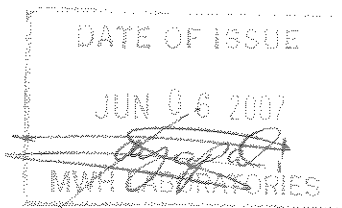
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager

Report#204209R replaces the original Report.



Report#: 204209R
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 17 page[s].



CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

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

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

HW LABS USE ONLY

LOG IN COMMENTS:

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

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

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRHAGGEE, MP** PROJECT JOB # / P.O.#: _____ (check for year)

Sampler: *Michelle Brown* (Collection Wells Fields - Monthly - 50 #12374) REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

Client: *Michele Brown* (702) 651-2200 Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	TS	SR	CO3	NO3	SAMPLER COMMENTS
			MWK-4	RSW	X		X				
10:53	5/9/07		ARP-1	RSW	X		X				
11:08	5/9/07		ARP-2	RSW	X		X				
11:18	5/9/07		ARP-3	RSW	X		X				
			ARP-4	RSW	X		X				abandoned no sample
			ARP-5	RSW	X		X				abandoned no sample
			ARP-6A	RSW	X		X				abandoned no sample
			ARP-7	RSW	X		X				
			PC-53	RSW	X		X				
			PC-103	RSW	X		X				
			MWK-5	RSW	X		X				

* MATRIX TYPES: Reported by Volume: CFW = Chloraminated Finished Water, FW = Other Finished Water, RGW = Raw Ground Water, RSW = Raw Surface Water, CW = 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: Veolia Water for Tronox LLC - Henderson Plant DATE: 5/9/2007 TIME: 12:00pm

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

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

Client Code KERRMCGEE-MP M Monthly Period
 Project Code CLO4
 PO# / Job# GWREMEDICATION
 Blanket PO

SO# 34133 12374 RS

Sampler: Please Return this Paper with your samples

Created by
 Order Date 01/09/07
 Date Needed by Client
 late 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

Quote#

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

of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
11	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

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#: 204209
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **05/10/07**. 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
2705100538	PC-91	CLO39056 CLO4 TDS	Water CR6010	09-may-2007 09:16:00
2705100539	PC-95	CLO4 CR6010	Water P	09-may-2007 08:34:00
2705100540	PC-97	CLO4 CR6010	Water P	09-may-2007 08:20:00
2705100541	PC-17	CLO4 CR6010	Water P	09-may-2007 09:43:00
2705100542	PC-18	CLO4 CR6010	Water P	09-may-2007 10:39:00
2705100543	PC-55	CLO4 CR6010	Water P	08-may-2007 11:03:00
2705100544	PC-101R	CLO4 CR6010	Water P	09-may-2007 09:54:00
2705100545	L-635	CLO4 CR6010	Water P	09-may-2007 10:23:00
2705100546	PC-86	CLO39056 CLO4 TDS	Water CR6010	09-may-2007 08:48:00
2705100547	PC-90	CLO39056 CLO4 TDS	Water CR6010	09-may-2007 09:03:00
2705100548	PC-56	CLO4 CR6010	Water P	08-may-2007 08:36:00
2705100550	PC-58	CLO4 CR6010	Water P	08-may-2007 08:30:00
2705100551	PC-59	CLO4 CR6010	Water P	08-may-2007 08:47:00
2705100552	PC-60	CLO4 CR6010	Water P	08-may-2007 08:41:00
2705100553	PC-62	CLO4 CR6010	Water P	08-may-2007 08:52:00

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

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2705100554	PC-68	CLO4 CR6010	Water	08-may-2007 08:57:00
2705100555	PC-122	CLO4 CR6010	Water	08-may-2007 09:53:00
2705100556	ARP-1	CLO4 CR6010	Water	09-may-2007 10:53:00
2705100557	ARP-2	CLO4 CR6010	Water	09-may-2007 11:08:00
2705100558	ARP-3	CLO4 CR6010	Water	09-may-2007 11:18:00

Test Acronym Description

Test Acronym	Description
CLO39056	Chlorate by IC
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
NO39056	Nitrate as Nitrogen by IC
P	Metals sample pH
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)



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Report
Comments
#204209

Client Specific Comments

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

Client Signature: _____

Group Comments

Report revised to correct QC duplicate for CL039056.



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Laboratory
Hits Report
#204209

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

Samples Received
10-may-2007 19:32:04

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705100538	PC-91				
05/15/07	Chlorate by IC		64800		ug/l	10000
05/16/07	Metals digestion performed.		Y		Yes/No	
05/10/07	Nitrate as Nitrogen by IC		13.4		mg/l	5.0
05/15/07	Perchlorate		8050		ug/l	2000
05/14/07	Total Dissolved Solid (TDS)		6810	500	mg/l	10
	2705100539	PC-95				
05/16/07	Metals digestion performed.		Y		Yes/No	
05/15/07	Perchlorate		241		ug/l	80
05/14/07	Total Dissolved Solid (TDS)		2580	500	mg/l	10
	2705100540	PC-97				
05/16/07	Metals digestion performed.		Y		Yes/No	
05/15/07	Perchlorate		1110		ug/l	200
05/14/07	Total Dissolved Solid (TDS)		2640	500	mg/l	10
	2705100541	PC-17				
05/17/07	Chromium, Total, ICAP		0.12		mg/l	0.020
05/16/07	Metals digestion performed.		Y		Yes/No	
05/15/07	Perchlorate		219000		ug/l	20000
05/14/07	Total Dissolved Solid (TDS)		7900	500	mg/l	10
	2705100542	PC-18				
05/17/07	Chromium, Total, ICAP		0.14		mg/l	0.020
05/16/07	Metals digestion performed.		Y		Yes/No	
05/15/07	Perchlorate		214000		ug/l	20000

SUMMARY OF POSITIVE DATA ONLY.



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Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
10-may-2007 19:32:04

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705100542	PC-18				
05/14/07	Total Dissolved Solid (TDS)		8100	500	mg/l	10
	2705100543	PC-55				
05/16/07	Metals digestion performed.		Y		Yes/No	
05/15/07	Perchlorate		1350		ug/l	200
05/14/07	Total Dissolved Solid (TDS)		6650	500	mg/l	10
	2705100544	PC-101R				
05/17/07	Chromium, Total, ICAP		0.088		mg/l	0.020
05/16/07	Metals digestion performed.		Y		Yes/No	
05/15/07	Perchlorate		212000		ug/l	20000
05/14/07	Total Dissolved Solid (TDS)		8050	500	mg/l	10
	2705100545	L-635				
05/16/07	Metals digestion performed.		Y		Yes/No	
05/14/07	Total Dissolved Solid (TDS)		6500	500	mg/l	10
	2705100546	PC-86				
05/15/07	Chlorate by IC		708		ug/l	100
05/16/07	Metals digestion performed.		Y		Yes/No	
05/15/07	Perchlorate		1200		ug/l	400
05/14/07	Total Dissolved Solid (TDS)		2550	500	mg/l	10
	2705100547	PC-90				
05/15/07	Chlorate by IC		37100		ug/l	10000

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 10-may-2007 19:32:04

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705100547	PC-90				
05/16/07		Metals digestion performed.	Y		Yes/No	
05/10/07		Nitrate as Nitrogen by IC	9.93		mg/l	5.0
05/15/07		Perchlorate	9840		ug/l	2000
05/14/07		Total Dissolved Solid (TDS)	4920	500	mg/l	10
	2705100548	PC-56				
05/16/07		Metals digestion performed.	Y		Yes/No	
05/16/07		Perchlorate	11900		ug/l	2000
05/14/07		Total Dissolved Solid (TDS)	4870	500	mg/l	10
	2705100550	PC-58				
05/17/07		Chromium, Total, ICAP	0.060		mg/l	0.020
05/16/07		Metals digestion performed.	Y		Yes/No	
05/16/07		Perchlorate	3560		ug/l	800
05/14/07		Total Dissolved Solid (TDS)	5630	500	mg/l	10
	2705100551	PC-59				
05/16/07		Metals digestion performed.	Y		Yes/No	
05/16/07		Perchlorate	5500		ug/l	800
05/14/07		Total Dissolved Solid (TDS)	4980	500	mg/l	10
	2705100552	PC-60				
05/16/07		Metals digestion performed.	Y		Yes/No	
05/16/07		Perchlorate	4350		ug/l	800
05/14/07		Total Dissolved Solid (TDS)	3780	500	mg/l	10

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#204209

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Samples Received
10-may-2007 19:32:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705100553	PC-62				
	2705100553	PC-62				
05/16/07		Metals digestion performed.	Y		Yes/No	
05/16/07		Perchlorate	2200		ug/l	400
05/14/07		Total Dissolved Solid (TDS)	2980	500	mg/l	10
	2705100554	PC-68				
05/16/07		Metals digestion performed.	Y		Yes/No	
05/17/07		Perchlorate	14		ug/l	10
05/14/07		Total Dissolved Solid (TDS)	2040	500	mg/l	10
	2705100555	PC-122				
05/17/07		Chromium, Total, ICAP	0.083		mg/l	0.020
05/16/07		Metals digestion performed.	Y		Yes/No	
05/16/07		Perchlorate	10800		ug/l	2000
05/14/07		Total Dissolved Solid (TDS)	8400	500	mg/l	10
	2705100556	ARP-1				
05/16/07		Metals digestion performed.	Y		Yes/No	
05/16/07		Perchlorate	573		ug/l	40
05/14/07		Total Dissolved Solid (TDS)	5940	500	mg/l	10
	2705100557	ARP-2				
05/17/07		Chromium, Total, ICAP	0.021		mg/l	0.020
05/16/07		Metals digestion performed.	Y		Yes/No	

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Hits Report
#204209

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Susan Crowley
PO Box 55
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Samples Received
10-may-2007 19:32:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705100557	ARP-2				
05/16/07	Perchlorate		565		ug/l	200
05/14/07	Total Dissolved Solid (TDS)		5350	500	mg/l	10
	2705100558	ARP-3				
05/16/07	Metals digestion performed.		Y		Yes/No	
05/16/07	Perchlorate		34800		ug/l	4000
05/14/07	Total Dissolved Solid (TDS)		7900	500	mg/l	10

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Laboratory
 Data Report
 #204209

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

Samples Received
 05/10/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-91 (2705100538) Sampled on 05/09/07 09:16								
	05/15/07 00:00	366949	(ML/EPA 9056)	Chlorate by IC	64800	ug/l	10000	1000
	05/15/07 00:01	366827	(EPA 314)	Perchlorate	8050	ug/l	2000	500
	05/17/07 00:00	367436	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/10/07 14:39	368381	(ML/EPA 9056)	Nitrate as Nitrogen by IC	13.4	mg/l	5.0	50
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	6810	mg/l	10	1
PC-95 (2705100539) Sampled on 05/09/07 08:34								
	05/15/07 00:01	366827	(EPA 314)	Perchlorate	241	ug/l	80	20
	05/17/07 00:00	367436	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	2580	mg/l	10	1
PC-97 (2705100540) Sampled on 05/09/07 08:20								
	05/15/07 00:01	366827	(EPA 314)	Perchlorate	1110	ug/l	200	50
	05/17/07 00:00	367435	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	2640	mg/l	10	1
PC-17 (2705100541) Sampled on 05/09/07 09:43								
	05/15/07 00:01	366827	(EPA 314)	Perchlorate	219000	ug/l	20000	5000
	05/17/07 00:00	367436	(ML/EPA 6010B)	Chromium, Total, ICAP	0.12	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	7900	mg/l	10	1
PC-18 (2705100542) Sampled on 05/09/07 10:39								
	05/15/07 00:01	366827	(EPA 314)	Perchlorate	214000	ug/l	20000	5000
	05/17/07 00:00	367435	(ML/EPA 6010B)	Chromium, Total, ICAP	0.14	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	8100	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-55 (2705100543)		Sampled on 05/08/07 11:03						
	05/15/07 00:01	366827	(EPA 314)	Perchlorate	1350	ug/l	200	50
	05/17/07 00:00	367436	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	6650	mg/l	10	1
PC-101R (2705100544)		Sampled on 05/09/07 09:54						
	05/15/07 00:01	366827	(EPA 314)	Perchlorate	212000	ug/l	20000	5000
	05/17/07 00:00	367435	(ML/EPA 6010B)	Chromium, Total, ICAP	0.088	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	8050	mg/l	10	1
L-635 (2705100545)		Sampled on 05/09/07 10:23						
	05/17/07 00:00	367456	(EPA 314)	Perchlorate	ND	ug/l	10	5
	05/17/07 00:00	367436	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	6500	mg/l	10	1
PC-86 (2705100546)		Sampled on 05/09/07 08:48						
	05/15/07 00:00	367008	(ML/EPA 9056)	Chlorate by IC	708	ug/l	100	10
	05/15/07 00:01	366827	(EPA 314)	Perchlorate	1200	ug/l	400	100
	05/17/07 00:00	367436	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/10/07 14:12	368381	(ML/EPA 9056)	Nitrate as Nitrogen by IC	ND	mg/l	0.50	10
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	2550	mg/l	10	1
PC-90 (2705100547)		Sampled on 05/09/07 09:03						
	05/15/07 00:00	366949	(ML/EPA 9056)	Chlorate by IC	37100	ug/l	10000	1000
	05/15/07 00:01	366827	(EPA 314)	Perchlorate	9840	ug/l	2000	500
	05/17/07 00:00	367436	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/10/07 14:26	368381	(ML/EPA 9056)	Nitrate as Nitrogen by IC	9.93	mg/l	5.0	50
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	4920	mg/l	10	1



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#204209

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-56 (2705100548)			Sampled on 05/08/07 08:36					
	05/16/07 00:01	366827	(EPA 314)	Perchlorate	11900	ug/l	2000	500
	05/17/07 00:00	367435	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	4870	mg/l	10	1
PC-58 (2705100550)			Sampled on 05/08/07 08:30					
	05/16/07 00:01	366827	(EPA 314)	Perchlorate	3560	ug/l	800	200
	05/17/07 00:00	367436	(ML/EPA 6010B)	Chromium, Total, ICAP	0.060	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	5630	mg/l	10	1
PC-59 (2705100551)			Sampled on 05/08/07 08:47					
	05/16/07 00:01	366827	(EPA 314)	Perchlorate	5500	ug/l	800	200
	05/17/07 00:00	367436	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:30	367447	(SM 2540C)	Total Dissolved Solid (TDS)	4980	mg/l	10	1
PC-60 (2705100552)			Sampled on 05/08/07 08:41					
	05/16/07 00:00	367124	(EPA 314)	Perchlorate	4350	ug/l	800	200
	05/17/07 00:00	367435	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:30	367447	(SM 2540C)	Total Dissolved Solid (TDS)	3780	mg/l	10	1
PC-62 (2705100553)			Sampled on 05/08/07 08:52					
	05/16/07 00:00	367124	(EPA 314)	Perchlorate	2200	ug/l	400	100
	05/17/07 00:00	367435	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:30	367447	(SM 2540C)	Total Dissolved Solid (TDS)	2980	mg/l	10	1



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Laboratory
Data Report
#204209

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-68 (2705100554) Sampled on 05/08/07 08:57								
	05/17/07 00:00	367456	(EPA 314	) Perchlorate	14	ug/l	10	5
	05/17/07 00:00	367435	(ML/EPA 6010B	) Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:30	367447	(SM 2540C	) Total Dissolved Solid (TDS)	2040	mg/l	10	1
PC-122 (2705100555) Sampled on 05/08/07 09:53								
	05/16/07 00:00	367124	(EPA 314	) Perchlorate	10800	ug/l	2000	500
	05/17/07 00:00	367435	(ML/EPA 6010B	) Chromium, Total, ICAP	0.083	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:30	367447	(SM 2540C	) Total Dissolved Solid (TDS)	8400	mg/l	10	1
ARP-1 (2705100556) Sampled on 05/09/07 10:53								
	05/16/07 00:00	367124	(EPA 314	) Perchlorate	573	ug/l	40	10
	05/17/07 00:00	367435	(ML/EPA 6010B	) Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:30	367447	(SM 2540C	) Total Dissolved Solid (TDS)	5940	mg/l	10	1
ARP-2 (2705100557) Sampled on 05/09/07 11:08								
	05/16/07 00:00	367124	(EPA 314	) Perchlorate	565	ug/l	200	50
	05/17/07 00:00	367435	(ML/EPA 6010B	) Chromium, Total, ICAP	0.021	mg/l	0.020	2
	05/16/07 00:00		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:30	367447	(SM 2540C	) Total Dissolved Solid (TDS)	5350	mg/l	10	1
ARP-3 (2705100558) Sampled on 05/09/07 11:18								
	05/16/07 00:00	367124	(EPA 314	) Perchlorate	34800	ug/l	4000	1000
	05/17/07 00:00	367435	(ML/EPA 6010B	) Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:30	367447	(SM 2540C) Total Dissolved Solid (TDS)	7900	mg/l	10	1



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Laboratory
QC Summary
#204209

Tronox LLC - Henderson

QC Ref #366827 - Perchlorate

Analysis Date: 05/15/2007

2705100538	PC-91	Analyzed by: raja
2705100539	PC-95	Analyzed by: raja
2705100540	PC-97	Analyzed by: raja
2705100541	PC-17	Analyzed by: raja
2705100542	PC-18	Analyzed by: raja
2705100543	PC-55	Analyzed by: raja
2705100544	PC-101R	Analyzed by: raja
2705100546	PC-86	Analyzed by: raja
2705100547	PC-90	Analyzed by: raja
2705100548	PC-56	Analyzed by: raja
2705100550	PC-58	Analyzed by: raja
2705100551	PC-59	Analyzed by: raja

QC Ref #366949 - Chlorate by IC

Analysis Date: 05/15/2007

2705100538	PC-91	Analyzed by: raja
2705100547	PC-90	Analyzed by: raja

QC Ref #367008 - Chlorate by IC

Analysis Date: 05/15/2007

2705100546	PC-86	Analyzed by: raja
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QC Ref #367124 - Perchlorate

Analysis Date: 05/16/2007

2705100552	PC-60	Analyzed by: raja
2705100553	PC-62	Analyzed by: raja
2705100555	PC-122	Analyzed by: raja
2705100556	ARP-1	Analyzed by: raja
2705100557	ARP-2	Analyzed by: raja
2705100558	ARP-3	Analyzed by: raja

QC Ref #367435 - Chromium, Total, ICAP

Analysis Date: 05/17/2007

2705100540	PC-97	Analyzed by: wbh
2705100542	PC-18	Analyzed by: wbh
2705100544	PC-101R	Analyzed by: wbh
2705100548	PC-56	Analyzed by: wbh
2705100552	PC-60	Analyzed by: wbh
2705100553	PC-62	Analyzed by: wbh



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Tronox LLC - Henderson
(continued)

2705100554	PC-68	Analyzed by: wbh
2705100556	ARP-1	Analyzed by: wbh
2705100558	ARP-3	Analyzed by: wbh

QC Ref #367436 - Chromium, Total, ICAP

Analysis Date: 05/17/2007

2705100538	PC-91	Analyzed by: wbh
2705100539	PC-95	Analyzed by: wbh
2705100541	PC-17	Analyzed by: wbh
2705100543	PC-55	Analyzed by: wbh
2705100545	L-635	Analyzed by: wbh
2705100546	PC-86	Analyzed by: wbh
2705100547	PC-90	Analyzed by: wbh
2705100550	PC-58	Analyzed by: wbh
2705100551	PC-59	Analyzed by: wbh
2705100555	PC-122	Analyzed by: wbh
2705100557	ARP-2	Analyzed by: wbh

QC Ref #367446 - Total Dissolved Solid (TDS)

Analysis Date: 05/14/2007

2705100538	PC-91	Analyzed by: maria
2705100539	PC-95	Analyzed by: maria
2705100540	PC-97	Analyzed by: maria
2705100541	PC-17	Analyzed by: maria
2705100542	PC-18	Analyzed by: maria
2705100543	PC-55	Analyzed by: maria
2705100544	PC-101R	Analyzed by: maria
2705100545	L-635	Analyzed by: maria
2705100546	PC-86	Analyzed by: maria
2705100547	PC-90	Analyzed by: maria
2705100548	PC-56	Analyzed by: maria
2705100550	PC-58	Analyzed by: maria

QC Ref #367447 - Total Dissolved Solid (TDS)

Analysis Date: 05/14/2007

2705100551	PC-59	Analyzed by: maria
2705100552	PC-60	Analyzed by: maria
2705100553	PC-62	Analyzed by: maria
2705100554	PC-68	Analyzed by: maria
2705100555	PC-122	Analyzed by: maria
2705100556	ARP-1	Analyzed by: maria



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Tronox LLC - Henderson
(continued)

2705100557	ARP-2	Analyzed by: maria
2705100558	ARP-3	Analyzed by: maria

QC Ref #367456 - Perchlorate

Analysis Date: 05/17/2007

2705100545	L-635	Analyzed by: raja
2705100554	PC-68	Analyzed by: raja

QC Ref #368381 - Nitrate as Nitrogen by IC

Analysis Date: 05/10/2007

2705100538	PC-91	Analyzed by: jkz
2705100546	PC-86	Analyzed by: jkz
2705100547	PC-90	Analyzed by: jkz



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 QC Report
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Tronox LLC - Henderson

QC Ref #366827

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05080517	UGL		(0-0)	
LCS1	Perchlorate	25.0	22.5	UGL	90.0	(85-115)	
LCS2	Perchlorate	25.0	22.7	UGL	90.8	(85-115)	
LCS3	Perchlorate	4	4.16	UGL	104.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	21.6	UGL	86.4	(80-120)	
MSD	Perchlorate	25.0	21.5	UGL	86.0	(80-120)	
RPD_LCS	Perchlorate	90.000	90.800	UGL	0.9	(0-15)	
RPD_MS	Perchlorate	86.400	86.000	UGL	1.0	(0-15)	

QC Ref #366949

Chlorate by IC

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

QC Ref #367008

Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05150292	UGL		(0-0)	
LCS1	Chlorate by IC	200	196	UGL	98.0	(90-110)	
LCS2	Chlorate by IC	200	196	UGL	98.0	(90-110)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.0	9.76	UGL	97.6	(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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Tronox LLC - Henderson (continued)

MS	Chlorate by IC	100	92.1	UGL	92.1	(75-125)
MSD	Chlorate by IC	100	92.8	UGL	92.8	(75-125)
RPD_LCS	Chlorate by IC	98.000	98.000	UGL	0.0	(0-20)
RPD_MS	Chlorate by IC	92.100	92.800	UGL	0.8	(0-20)

QC Ref #367124 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05100379	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS3	Perchlorate	4	3.92	UGL	98.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.0	UGL	96.0	(80-120)	
MSD	Perchlorate	25.0	23.6	UGL	94.4	(80-120)	
RPD_LCS	Perchlorate	98.000	96.800	UGL	1.2	(0-15)	
RPD_MS	Perchlorate	96.000	94.400	UGL	1.0	(0-15)	

QC Ref #367435 Chromium, Total, ICAP

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

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Tronox LLC - Henderson
(continued)

QC Ref #367436 Chromium, Total, ICAP

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

QC Ref #367446 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05100236	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	376	384	MGL		(0-10)	2.1
LCS1	Total Dissolved Solid (TDS)	175	176	MGL	100.6	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	656	MGL	93.7	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	100.571	93.714	MGL	7.1	(0-20)	

QC Ref #367447 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05100551	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	4980	5060	MGL		(0-10)	1.6
LCS1	Total Dissolved Solid (TDS)	175	146	MGL	83.4	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	670	MGL	95.7	(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)	83.429	95.714	MGL	13.7	(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 #367456
Perchlorate

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

QC Ref #368381
Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05090398	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.39	MGL	95.6	(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	0.046	MGL	92.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.13	MGL	90.4	(80-112)	
MSD	Nitrate as Nitrogen by IC	1.25	1.13	MGL	90.4	(80-112)	
RPD_LCS	Nitrate as Nitrogen by IC	95.600	98.400	MGL	2.9	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	90.400	90.400	MGL	0.0	(0-20)	

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