



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)

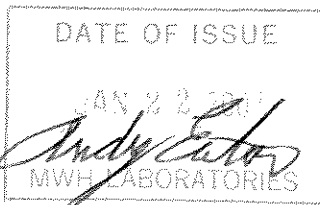
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 193100
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 15 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

193 100

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

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

MVLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS

SAMPLE TEMP, RECEIPT AT LAB: FC

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		<input checked="" type="checkbox"/> (check for yes)	
KERRMCGEE-MP Sampler Michele Brown <i>Michele Brown</i> 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	SAMPLER COMMENTS
6:48	1/10/07		M-83	RSW	X		
6:36	1/10/07		M-87	RSW	X		
9:10	1/10/07		PC-98R	RSW	X		
8:28	1/9/07		PC-86	RSW	X		
8:43	1/9/07		PC-90	RSW	X		
7:33	1/8/07		PC-56	RSW	X		
7:24	1/8/07		PC-58	RSW	X		
7:52	1/8/07		PC-59	RSW	X		
7:45	1/8/07		PC-60	RSW	X		
7:57	1/8/07		PC-62	RSW	X		
8:02	1/8/07		PC-68	RSW	X		
9:41	1/10/07		PC-122	RSW	X		NO SAMPLE

Reported by Volume:

CFW = Chloraminated Finished Water

FW = Other Finished Water

RGW = Raw Ground Water

RSW = Raw Surface Water

CWW = Chlorinated Waste Water

WW = Other Waste Water

SW = Storm Water

Reported by Weight:

SO = Soil

SL = Sludge

SIGNATURE

RECEIVED BY: *Michele Brown*

RECEIVED BY: *Susan Crowley*

PRINT NAME

Michele Brown

Fidelichan

COMPANY/TITLE

Veolia Water for Tronox LLC - Henderson Plant

TIME

1200pm

DATE

1/10/2007

1-11 1006



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

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SAMPLE TEMP, RECEIPT AT LAB: SS

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		(check for yes)	
KERR/MCGEE-MP Sampler Michele Brown		Collection Wells Fields - Monthly - SO #12374		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)			
Susan Crowley (702) 651-2200		Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009					
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	SAMPLER COMMENTS
	11:04	1/9/07	MWK-4	RSW	X		
	10:04	1/9/07	ARP-1	RSW	X		
	10:17	1/9/07	ARP-2	RSW	X		
	10:25	1/9/07	ARP-3	RSW	X		
	10:35	1/9/07	ARP-4	RSW	X		
	10:51	1/9/07	ARP-5	RSW	X		No Sample well dry
	8:06	1/10/07	ARP-6A	RSW	X		
	8:17	1/10/07	ARP-7	RSW	X		
	8:45	1/10/07	PC-53	RSW	X		
	8:30	1/10/07	PC-103	RSW	X		
			MWK-5	RSW	X		

* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(am)inated Finished Water
FW = Other Finished Water

Reported by Weight:

SO = Soil
SL = Sludge
CW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

REQUISITIONED BY: <u>Michele Brown</u>	Veolia Water for Tronox LLC - Henderson Plant	1/10/2007	1200pm
RECEIVED BY: <u>Susan Crowley</u>	<u>mwcl</u>	1-11	<u>SS</u>
RELINQUISHED BY:			
RECEIVED BY:			



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MW LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: SS

SAMPLE TEMP, RECEIPT AT LAB: SC

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		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		SAMPLER COMMENTS										
KERRMCGEE-MP Sampler Michele Brown		Collection Wells Fields - Monthly - SO #12374 Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009		PROJECT JOB # / P.O.#		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		SAMPLER COMMENTS										
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	ClO ₂	TDS	CR	ClO ₃	NO ₃	Other	Other	Other	Other	Other	Other	Other
8:58	1/9/07		PC-91	RSW	X		X	X										
8:13	1/9/07		PC-95	RSW	X		X	X										
7:53	1/9/07		PC-97	RSW	X		X	X										
			MW-K2	RSW	X		X	X										Well Dry
9:13	1/9/07		PC-12	RSW	X		X	X										
9:27	1/9/07		PC-17	RSW	X		X	X										
9:52	1/9/07		PC-18	RSW	X		X	X										
			PC-55	RSW	X		X	X										
9:39	1/9/07		PC-101R	RSW	X		X	X										
7:51	1/10/07		L-635	RSW	X		X	X										
11:41	1/9/07		L-637	RSW	X		X	X										

* MATRIX TYPES: Reported by Volume:
 CFW = Chloraminated 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

RELINQUISHER	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY:	<i>Michele Brown</i>	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	1/10/2007	1200pm
RELINQUISHED BY:	<i>Fidel Chavez</i>	Fidel Chavez	MWH	1-11	6:00
RECEIVED BY:					



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

Bottle Order for Kerr McGee Chemical Company - Henderson Standing

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

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

SO# 33702 12374 RS

Sampler: Please Return this Paper with your samples

0 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

Created by
Order Date
12/12/06

Date Needed by Client
Date Samples to Arrive at MWL
SHIP LOCATION

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#

# 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#: 193100
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on 01/11/07. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2701110238	M-83	CLO4 TDS	Water	10-jan-2007 06:48:00
2701110240	M-87	CLO4 TDS	Water	10-jan-2007 06:36:00
2701110241	PC-98R	CLO4 TDS	Water	10-jan-2007 09:10:00
2701110242	PC-86	CLO4 TDS	Water	09-jan-2007 08:28:00
2701110243	PC-90	CLO4 TDS	Water	09-jan-2007 08:43:00
2701110244	PC-56	CLO4 TDS	Water	08-jan-2007 07:33:00
2701110245	PC-58	CLO4 TDS	Water	08-jan-2007 07:24:00
2701110246	PC-59	CLO4 TDS	Water	08-jan-2007 07:52:00
2701110247	PC-60	CLO4 TDS	Water	08-jan-2007 07:45:00
2701110248	PC-62	CLO4 TDS	Water	08-jan-2007 07:57:00
2701110249	PC-68	CLO4 TDS	Water	08-jan-2007 08:02:00
2701110250	PC-122	CLO4 TDS	Water	10-jan-2007 09:41:00
2701110251	MWK-4	CLO4 TDS	Water	09-jan-2007 11:04:00
2701110252	ARP-1	CLO4 TDS	Water	09-jan-2007 10:04:00
2701110253	ARP-2	CLO4 TDS	Water	09-jan-2007 10:17:00
2701110254	ARP-3	CLO4 TDS	Water	09-jan-2007 10:25:00
2701110255	ARP-4	CLO4 TDS	Water	09-jan-2007 10:35:00

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#: 193100
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2701110256	ARP-6A	CLO4 TDS	Water	09-jan-2007 10:51:00
2701110257	ARP-7	CLO4 TDS	Water	10-jan-2007 08:06:00
2701110258	PC-53	CLO4 TDS	Water	10-jan-2007 08:17:00
2701110259	PC-103	CLO4 TDS	Water	10-jan-2007 08:45:00
2701110260	MWK-5	CLO4 TDS	Water	10-jan-2007 08:30:00
2701110261	PC-91	CLO4 TDS	Water	09-jan-2007 08:58:00
2701110262	PC-95	CLO4 TDS	Water	09-jan-2007 08:13:00
2701110263	PC-97	CLO4 TDS	Water	09-jan-2007 07:53:00
2701110264	PC-12	CLO4 TDS	Water	09-jan-2007 09:13:00
2701110265	PC-17	CLO4 TDS	Water	09-jan-2007 09:27:00
2701110266	PC-18	CLO4 TDS	Water	09-jan-2007 09:52:00
2701110267	PC-101R	CLO4 TDS	Water	09-jan-2007 09:39:00
2701110268	L-635	CLO4 TDS	Water	10-jan-2007 07:51:00
2701110269	L-637	CLO4 TDS	Water	09-jan-2007 11:41:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
TDS	Total Dissolved Solid (TDS)



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Report
Comments
#193100

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
#193100

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

Samples Received
11-jan-2007 14:46:02

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701110238	M-83				
01/13/07	Perchlorate		6470		ug/l	2000
01/13/07	Total Dissolved Solid (TDS)		1160	500	mg/l	10
	2701110240	M-87				
01/13/07	Perchlorate		133000		ug/l	20000
01/13/07	Total Dissolved Solid (TDS)		1970	500	mg/l	10
	2701110241	PC-98R				
01/13/07	Perchlorate		39800		ug/l	2000
01/13/07	Total Dissolved Solid (TDS)		7190	500	mg/l	10
	2701110242	PC-86				
01/13/07	Perchlorate		3570		ug/l	400
01/13/07	Total Dissolved Solid (TDS)		3140	500	mg/l	10
	2701110243	PC-90				
01/13/07	Perchlorate		7900		ug/l	2000
01/13/07	Total Dissolved Solid (TDS)		6810	500	mg/l	10
	2701110244	PC-56				
01/13/07	Perchlorate		3200		ug/l	2000
01/13/07	Total Dissolved Solid (TDS)		3530	500	mg/l	10
	2701110245	PC-58				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#193100

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

Samples Received
11-jan-2007 14:46:02

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701110245	PC-58				
01/13/07	Perchlorate		1940		ug/l	800
01/13/07	Total Dissolved Solid (TDS)		5080	500	mg/l	10
	2701110246	PC-59				
01/13/07	Perchlorate		7940		ug/l	800
01/13/07	Total Dissolved Solid (TDS)		4820	500	mg/l	10
	2701110247	PC-60				
01/14/07	Perchlorate		5880		ug/l	800
01/13/07	Total Dissolved Solid (TDS)		3820	500	mg/l	10
	2701110248	PC-62				
01/14/07	Perchlorate		3020		ug/l	400
01/13/07	Total Dissolved Solid (TDS)		3480	500	mg/l	10
	2701110249	PC-68				
01/14/07	Perchlorate		93		ug/l	20
01/13/07	Total Dissolved Solid (TDS)		2240	500	mg/l	10
	2701110250	PC-122				
01/14/07	Perchlorate		11100		ug/l	2000
01/13/07	Total Dissolved Solid (TDS)		7770	500	mg/l	10
	2701110251	MWK-4				

SUMMARY OF POSITIVE DATA ONLY.



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Hits Report
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Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
11-jan-2007 14:46:02

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701110251	MWK-4				
01/14/07	Perchlorate		93900		ug/l	20000
01/13/07	Total Dissolved Solid (TDS)		7520	500	mg/l	10
	2701110252	ARP-1				
01/14/07	Perchlorate		347		ug/l	40
01/13/07	Total Dissolved Solid (TDS)		7200	500	mg/l	10
	2701110253	ARP-2				
01/14/07	Perchlorate		1760		ug/l	400
01/13/07	Total Dissolved Solid (TDS)		6920	500	mg/l	10
	2701110254	ARP-3				
01/14/07	Perchlorate		46200		ug/l	4000
01/13/07	Total Dissolved Solid (TDS)		8170	500	mg/l	10
	2701110255	ARP-4				
01/18/07	Perchlorate		33600		ug/l	4000
01/13/07	Total Dissolved Solid (TDS)		5250	500	mg/l	10
	2701110256	ARP-6A				
01/18/07	Perchlorate		22500		ug/l	4000
01/13/07	Total Dissolved Solid (TDS)		8600	500	mg/l	10
	2701110257	ARP-7				

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Tronox LLC - Henderson
 Susan Crowley
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 Henderson , NV 89009

Samples Received
 11-jan-2007 14:46:02

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701110257	ARP-7				
01/18/07	Perchlorate		5570		ug/l	400
01/13/07	Total Dissolved Solid (TDS)		5560	500	mg/l	10
	2701110258	PC-53				
01/18/07	Perchlorate		3430		ug/l	400
01/13/07	Total Dissolved Solid (TDS)		4190	500	mg/l	10
	2701110259	PC-103				
01/18/07	Perchlorate		4150		ug/l	400
01/13/07	Total Dissolved Solid (TDS)		3880	500	mg/l	10
	2701110260	MWK-5				
01/18/07	Perchlorate		26300		ug/l	2000
01/13/07	Total Dissolved Solid (TDS)		6820	500	mg/l	10
	2701110261	PC-91				
01/18/07	Perchlorate		8600		ug/l	2000
01/13/07	Total Dissolved Solid (TDS)		7290	500	mg/l	10
	2701110262	PC-95				
01/18/07	Perchlorate		562		ug/l	80
01/13/07	Total Dissolved Solid (TDS)		2460	500	mg/l	10
	2701110263	PC-97				

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Tronox LLC - Henderson
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Samples Received
11-jan-2007 14:46:02

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701110263	PC-97				
01/18/07	Perchlorate		4950		ug/l	200
01/13/07	Total Dissolved Solid (TDS)		3160	500	mg/l	10
	2701110264	PC-12				
01/18/07	Perchlorate		68900		ug/l	20000
01/13/07	Total Dissolved Solid (TDS)		7210	500	mg/l	10
	2701110265	PC-17				
01/18/07	Perchlorate		377000		ug/l	20000
01/13/07	Total Dissolved Solid (TDS)		8500	500	mg/l	10
	2701110266	PC-18				
01/18/07	Perchlorate		244000		ug/l	20000
01/13/07	Total Dissolved Solid (TDS)		9130	500	mg/l	10
	2701110267	PC-101R				
01/18/07	Perchlorate		132000		ug/l	20000
01/13/07	Total Dissolved Solid (TDS)		8270	500	mg/l	10
	2701110268	L-635				
01/13/07	Total Dissolved Solid (TDS)		6840	500	mg/l	10
	2701110269	L-637				
01/18/07	Perchlorate		44		ug/l	4.0

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Samples Received
11-jan-2007 14:46:02

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701110269	L-637				
01/13/07	Total Dissolved Solid (TDS)		6850	500	mg/l	10

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

Samples Received
01/11/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-83 (2701110238) Sampled on 01/10/07 06:48								
	01/13/07 00:01	348379	(EPA 314	) Perchlorate	6470	ug/l	2000	500
01/13/07	01/13/07 14:57	348417	(SM 2540C	) Total Dissolved Solid (TDS)	1160	mg/l	10	1
M-87 (2701110240) Sampled on 01/10/07 06:36								
	01/13/07 00:01	348379	(EPA 314	) Perchlorate	133000	ug/l	20000	5000
01/13/07	01/13/07 14:57	348417	(SM 2540C	) Total Dissolved Solid (TDS)	1970	mg/l	10	1
PC-98R (2701110241) Sampled on 01/10/07 09:10								
	01/13/07 00:01	348379	(EPA 314	) Perchlorate	39800	ug/l	2000	500
01/13/07	01/13/07 14:57	348417	(SM 2540C	) Total Dissolved Solid (TDS)	7190	mg/l	10	1
PC-86 (2701110242) Sampled on 01/09/07 08:28								
	01/13/07 00:01	348379	(EPA 314	) Perchlorate	3570	ug/l	400	100
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	3140	mg/l	10	1
PC-90 (2701110243) Sampled on 01/09/07 08:43								
	01/13/07 00:01	348379	(EPA 314	) Perchlorate	7900	ug/l	2000	500
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	6810	mg/l	10	1
PC-56 (2701110244) Sampled on 01/08/07 07:33								
	01/13/07 00:01	348379	(EPA 314	) Perchlorate	3200	ug/l	2000	500
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	3530	mg/l	10	1
PC-58 (2701110245) Sampled on 01/08/07 07:24								
	01/13/07 00:01	348379	(EPA 314	) Perchlorate	1940	ug/l	800	200
01/13/07	01/13/07 14:17	348396	(SM 2540C) Total Dissolved Solid (TDS)	5080	mg/l	10	1



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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-59 (2701110246) Sampled on 01/08/07 07:52								
	01/13/07 00:01	348379	(EPA 314	) Perchlorate	7940	ug/l	800	200
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	4820	mg/l	10	1
PC-60 (2701110247) Sampled on 01/08/07 07:45								
	01/14/07 00:00	348379	(EPA 314	) Perchlorate	5880	ug/l	800	200
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	3820	mg/l	10	1
PC-62 (2701110248) Sampled on 01/08/07 07:57								
	01/14/07 00:00	348379	(EPA 314	) Perchlorate	3020	ug/l	400	100
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	3480	mg/l	10	1
PC-68 (2701110249) Sampled on 01/08/07 08:02								
	01/14/07 00:00	348379	(EPA 314	) Perchlorate	93	ug/l	20	5
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	2240	mg/l	10	1
PC-122 (2701110250) Sampled on 01/10/07 09:41								
	01/14/07 00:00	348379	(EPA 314	) Perchlorate	11100	ug/l	2000	500
01/13/07	01/13/07 14:57	348417	(SM 2540C	) Total Dissolved Solid (TDS)	7770	mg/l	10	1
MWK-4 (2701110251) Sampled on 01/09/07 11:04								
	01/14/07 00:00	348379	(EPA 314	) Perchlorate	93900	ug/l	20000	5000
01/13/07	01/13/07 14:57	348417	(SM 2540C	) Total Dissolved Solid (TDS)	7520	mg/l	10	1
ARP-1 (2701110252) Sampled on 01/09/07 10:04								
	01/14/07 00:00	348379	(EPA 314	) Perchlorate	347	ug/l	40	10
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	7200	mg/l	10	1
ARP-2 (2701110253) Sampled on 01/09/07 10:17								
	01/14/07 00:00	348379	(EPA 314	) Perchlorate	1760	ug/l	400	100
01/13/07	01/13/07 14:17	348396	(SM 2540C) Total Dissolved Solid (TDS)	6920	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ARP-3 (2701110254) Sampled on 01/09/07 10:25								
	01/14/07 00:00	348379	(EPA 314	) Perchlorate	46200	ug/l	4000	1000
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	8170	mg/l	10	1
ARP-4 (2701110255) Sampled on 01/09/07 10:35								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	33600	ug/l	4000	1000
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	5250	mg/l	10	1
ARP-6A (2701110256) Sampled on 01/09/07 10:51								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	22500	ug/l	4000	1000
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	8600	mg/l	10	1
ARP-7 (2701110257) Sampled on 01/10/07 08:06								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	5570	ug/l	400	100
01/13/07	01/13/07 14:57	348417	(SM 2540C	) Total Dissolved Solid (TDS)	5560	mg/l	10	1
PC-53 (2701110258) Sampled on 01/10/07 08:17								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	3430	ug/l	400	100
01/13/07	01/13/07 14:57	348417	(SM 2540C	) Total Dissolved Solid (TDS)	4190	mg/l	10	1
PC-103 (2701110259) Sampled on 01/10/07 08:45								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	4150	ug/l	400	100
01/13/07	01/13/07 14:57	348417	(SM 2540C	) Total Dissolved Solid (TDS)	3880	mg/l	10	1
MWK-5 (2701110260) Sampled on 01/10/07 08:30								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	26300	ug/l	2000	500
01/13/07	01/13/07 14:57	348417	(SM 2540C	) Total Dissolved Solid (TDS)	6820	mg/l	10	1
PC-91 (2701110261) Sampled on 01/09/07 08:58								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	8600	ug/l	2000	500
01/13/07	01/13/07 14:17	348396	(SM 2540C) Total Dissolved Solid (TDS)	7290	mg/l	10	1



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 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-95 (2701110262) Sampled on 01/09/07 08:13								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	562	ug/l	80	20
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	2460	mg/l	10	1
PC-97 (2701110263) Sampled on 01/09/07 07:53								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	4950	ug/l	200	50
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	3160	mg/l	10	1
PC-12 (2701110264) Sampled on 01/09/07 09:13								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	68900	ug/l	20000	5000
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	7210	mg/l	10	1
PC-17 (2701110265) Sampled on 01/09/07 09:27								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	377000	ug/l	20000	5000
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	8500	mg/l	10	1
PC-18 (2701110266) Sampled on 01/09/07 09:52								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	244000	ug/l	20000	5000
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	9130	mg/l	10	1
PC-101R (2701110267) Sampled on 01/09/07 09:39								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	132000	ug/l	20000	5000
01/13/07	01/13/07 14:17	348396	(SM 2540C	) Total Dissolved Solid (TDS)	8270	mg/l	10	1
L-635 (2701110268) Sampled on 01/10/07 07:51								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	ND	ug/l	4.0	2
01/13/07	01/13/07 14:57	348417	(SM 2540C	) Total Dissolved Solid (TDS)	6840	mg/l	10	1
L-637 (2701110269) Sampled on 01/09/07 11:41								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	44	ug/l	4.0	2
01/13/07	01/13/07 14:57	348417	(SM 2540C) Total Dissolved Solid (TDS)	6850	mg/l	10	1



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Tronox LLC - Henderson

QC Ref #348379 - Perchlorate

Analysis Date: 01/13/2007

2701110238	M-83	Analyzed by: raja
2701110240	M-87	Analyzed by: raja
2701110241	PC-98R	Analyzed by: raja
2701110242	PC-86	Analyzed by: raja
2701110243	PC-90	Analyzed by: raja
2701110244	PC-56	Analyzed by: raja
2701110245	PC-58	Analyzed by: raja
2701110246	PC-59	Analyzed by: raja
2701110247	PC-60	Analyzed by: raja
2701110248	PC-62	Analyzed by: raja
2701110249	PC-68	Analyzed by: raja
2701110250	PC-122	Analyzed by: raja
2701110251	MWK-4	Analyzed by: raja
2701110252	ARP-1	Analyzed by: raja
2701110253	ARP-2	Analyzed by: raja
2701110254	ARP-3	Analyzed by: raja

QC Ref #348396 - Total Dissolved Solid (TDS)

Analysis Date: 01/13/2007

2701110242	PC-86	Analyzed by: anh
2701110243	PC-90	Analyzed by: anh
2701110244	PC-56	Analyzed by: anh
2701110245	PC-58	Analyzed by: anh
2701110246	PC-59	Analyzed by: anh
2701110247	PC-60	Analyzed by: anh
2701110248	PC-62	Analyzed by: anh
2701110249	PC-68	Analyzed by: anh
2701110252	ARP-1	Analyzed by: anh
2701110253	ARP-2	Analyzed by: anh
2701110254	ARP-3	Analyzed by: anh
2701110255	ARP-4	Analyzed by: anh
2701110256	ARP-6A	Analyzed by: anh
2701110261	PC-91	Analyzed by: anh
2701110262	PC-95	Analyzed by: anh
2701110263	PC-97	Analyzed by: anh
2701110264	PC-12	Analyzed by: anh
2701110265	PC-17	Analyzed by: anh
2701110266	PC-18	Analyzed by: anh
2701110267	PC-101R	Analyzed by: anh



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QC Summary
#193100

Tronox LLC - Henderson
(continued)

QC Ref #348417 - Total Dissolved Solid (TDS) Analysis Date: 01/13/2007

2701110238	M-83	Analyzed by: anh
2701110240	M-87	Analyzed by: anh
2701110241	PC-98R	Analyzed by: anh
2701110250	PC-122	Analyzed by: anh
2701110251	MWK-4	Analyzed by: anh
2701110257	ARP-7	Analyzed by: anh
2701110258	PC-53	Analyzed by: anh
2701110259	PC-103	Analyzed by: anh
2701110260	MWK-5	Analyzed by: anh
2701110268	L-635	Analyzed by: anh
2701110269	L-637	Analyzed by: anh

QC Ref #348669 - Perchlorate Analysis Date: 01/18/2007

2701110255	ARP-4	Analyzed by: raja
2701110256	ARP-6A	Analyzed by: raja
2701110257	ARP-7	Analyzed by: raja
2701110258	PC-53	Analyzed by: raja
2701110259	PC-103	Analyzed by: raja
2701110260	MWK-5	Analyzed by: raja
2701110261	PC-91	Analyzed by: raja
2701110262	PC-95	Analyzed by: raja
2701110263	PC-97	Analyzed by: raja
2701110264	PC-12	Analyzed by: raja
2701110265	PC-17	Analyzed by: raja
2701110266	PC-18	Analyzed by: raja
2701110267	PC-101R	Analyzed by: raja
2701110268	L-635	Analyzed by: raja
2701110269	L-637	Analyzed by: raja

Tronox LLC - Henderson

QC Ref #348379 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	01110420	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.9	UGL	103.6	(85-115)	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS3	Perchlorate	4	3.75	UGL	93.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.5	UGL	94.0	(70-130)	
MSD	Perchlorate	25.0	22.7	UGL	90.8	(70-130)	
RPD_LCS	Perchlorate	103.600	102.400	UGL	1.2	(0-20)	
RPD_MS	Perchlorate	94.000	90.800	UGL	3.5	(0-20)	

QC Ref #348396 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	01110245	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	5076	5088	MGL		(0-10)	0.2
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	692	MGL	98.9	(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)	98.286	98.857	MGL	0.6	(0-20)	

QC Ref #348417 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	01110251	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	7520	7500	MGL		(0-10)	0.3
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	678	MGL	96.9	(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)	96.000	96.857	MGL	0.9	(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 #348669

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	01090112	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS3	Perchlorate	4	4.38	UGL	109.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.0	UGL	96.0	(70-130)	
MSD	Perchlorate	25.0	23.4	UGL	93.6	(70-130)	
RPD_LCS	Perchlorate	100.800	100.800	UGL	0.0	(0-20)	
RPD_MS	Perchlorate	96.000	93.600	UGL	2.5	(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.