



MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3829
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

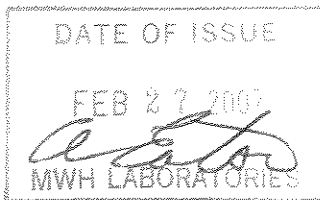
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager

Report#: 195327R
Project: CLO4
PO#: Susan Crowle

Report#195327R replaces the original Report.

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 14 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

195327

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

INV. LABS. USE ONLY:

LOGIN 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		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 Michele Brown		Collection Wells Fields - Weekly - SO #12373																				
Susan Crowley (702) 651-2200		Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009																				
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COM	CL04	TDS	SC													SAMPLER COMMENTS
0530	2/5/07		ART-1	RSW	X		X	X	X													SBC - 12373 & 18787
0530	2/5/07		ART-2	RSW	X		X	X	X													
0530	2/5/07		ART-3	RSW	X		X	X	X													
0530	2/5/07		ART-4	RSW	X		X	X	X													
0530	2/5/07		ART-5	RSW	X		X	X	X													NO Sample
0530	2/5/07		ART-6	RSW	X		X	X	X													
0530	2/5/07		ART-7	RSW	X		X	X	X													
0530	2/5/07		ART-8	RSW	X		X	X	X													
0600	2/5/07		PC-99R2/R3	RSW	X		X	X	X													
0600	2/5/07		PC-115R	RSW	X		X	X	X													
0600	2/5/07		PC-116R	RSW	X		X	X	X													
0600	2/5/07		Seep Surface Flow	RSW	X		X	X	X													

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 = Chloraminated Waste Water
WW = Other Waste Water
SW = Storm Water

RELINQUISHED BY: <i>Michele Brown</i>	SIGNATURE	PRINT NAME Michele Brown	COMPANY/TITLE Veolia Water for Tronox LLC - Henderson Plant	DATE 2/5/2007	TIME 12:00pm
RECEIVED BY: <i>[Signature]</i>					
RELINQUISHED BY: <i>[Signature]</i>					
RECEIVED BY: <i>[Signature]</i>					



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

MVLABS USE ONLY:

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

LOGIN COMMENTS:

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

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
 KERRMCGEE-MP Collection Wells Fields - Nwabity - SO #12373
 Sample Signature: *Michele Brown* Tronox LLC - Henderson Plant LLC
 Susan Crowley (702) 651-2200 PO Box 65
 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

(check for yes)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Total Cl ₂	TO5	SAMPLER COMMENTS
6:00	2/5/07		SF-1	RSW	X		X	X	
6:00	2/5/07		PC-117	RSW	X		X	X	
6:00	2/5/07		PC-118	RSW	X		X	X	
6:00	2/5/07		PC-119	RSW	X		X	X	
6:00	2/5/07		PC-120	RSW	X		X	X	
6:00	2/5/07		PC-121	RSW	X		X	X	
6:00	2/5/07		PC-133	RSW	X		X	X	
5:30	2/5/07		ART-9	RSW	X		X	X	

* MATRIX TYPES:

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

Reported by Weight:
 CWW = Chlorinated Waste Water
 WW = Other Waste Water
 SW = Storm Water

REQUISITIONED BY: *Michele Brown* SIGNATURE
 RECEIVED BY: *[Signature]* PRINT NAME: Michele Brown
 RELINQUISHED BY: *[Signature]* COMPANY/TITLE: Veolia Water for Tronox LLC - Henderson Plant
 RECEIVED BY: *[Signature]* DATE: 2/5/2007 TIME: 12:00pm



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 Tronox LLC- Henderson

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

Client Code KERRMCGEE-MP

Project Code CLO4

PO# / Job# GWREMEDICATION

Blanket PO

Period

W Weekly

Week 1

SO# 34042 12373 RS

Sampler: Please Return this Paper with your samples

Created by

Order Date

01/08/07

Date Needed
by Client

Ship Sample Kits to

Veolia Water-Tronox LLC
Gate 1

8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to

Tronox LLC, Henderson Plant
P.O. Box 55

Henderson, NV 89009

Billing Address

Tronox, LLC

Attn: Accounts Payable

P.O. Box 268859

Oklahoma City, OK 73126-8859

ATTN: Susan Crowley

PHONE: 702-551-2234

ATTN: Susan Crowley

PHONE: 702-551-2234

FAX: 702-551-2310

Quote#

of Samples Tests

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

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
30	CLO4, TDS,	1 250 ml poly /no preservative	-	Per Ed Krish 7-4-06 all samples will be TDS in lieu of EC
-	SHEET OF LABELS WITH WELL-TDS	see comments section	-	PC-117, PC-118, PC-119, PC-120, and PC-121
-			-	PC-116R
-			-	PC-99R2
-			-	PC-99R3
-			-	PC-115R
-			-	ART-1
-			-	ART-2
-			-	ART-3
-			-	ART-4
-			-	ART-5
-			-	ART-6
-			-	ART-7
-			-	ART-8
-			-	Seep Surface Flow
-			-	SF-1"
-			-	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
-			-	Testcode updated 3-16-06
-			-	standing order changed 6-14-06
-			-	login note added 7-6-06
-			-	TDS

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#: 195327
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **02/06/07**. 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
2702060600	ART-1	CLO4 CR	Water	05-feb-2007 05:30:00
2702060608	ART-2	CLO4 CR	Water	05-feb-2007 05:30:00
2702060609	ART-3	CLO4 CR	Water	05-feb-2007 05:30:00
2702060610	ART-4	CLO4 CR	Water	05-feb-2007 05:30:00
2702060612	ART-6	CLO4 CR	Water	05-feb-2007 05:30:00
2702060613	ART-7	CLO4 CR	Water	05-feb-2007 05:30:00
2702060614	ART-8	CLO4 CR	Water	05-feb-2007 05:30:00
2702060615	PC-99R2/R3	CLO4 CR	Water	05-feb-2007 06:00:00
2702060616	PC-115R	CLO4 CR	Water	05-feb-2007 06:00:00
2702060617	PC-116R	CLO4 CR	Water	05-feb-2007 06:00:00
2702060618	SEEP SURFACE FLOW	CLO4 CR	Water	05-feb-2007 06:00:00
2702060619	SF-1	CLO4 CR	Water	05-feb-2007 06:00:00
2702060621	PC-117	CLO4 CR	Water	05-feb-2007 06:00:00
2702060623	PC-118	CLO4 CR	Water	05-feb-2007 06:00:00
2702060624	PC-119	CLO4 CR	Water	05-feb-2007 06:00:00
2702060625	PC-120	CLO4 CR	Water	05-feb-2007 06:00:00
2702060626	PC-121	CLO4 CR	Water	05-feb-2007 06:00:00

Tronox LLC - Henderson
 PO Box 55
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 Attn: Susan Crowley
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Customer Code: KERRMCGEE-MP
 PO#: Susan Crowley PO
 Group#: 195327
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2702060627	PC-133	CLO4 CR	Water P	05-feb-2007 06:00:00 TDS
2702060628	ART-9	CLO4 CR	Water P	05-feb-2007 05:30:00 TDS

Test Acronym Description

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



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Report
Comments
#195327

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 duplicate QC for CR.



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Laboratory
 Hits Report
 #195327

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

Samples Received
 06-feb-2007 16:21:25

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702060600	ART-1				
02/07/07		Perchlorate	191		ug/l	40
02/10/07		Total Dissolved Solid (TDS)	7290	500	mg/l	10
	2702060608	ART-2				
02/09/07		Perchlorate	109000		ug/l	20000
02/10/07		Total Dissolved Solid (TDS)	9540	500	mg/l	10
	2702060609	ART-3				
02/07/07		Chromium, Total, ICAP	0.26		mg/l	0.020
02/07/07		Perchlorate	390000		ug/l	40000
02/10/07		Total Dissolved Solid (TDS)	8700	500	mg/l	10
	2702060610	ART-4				
02/07/07		Chromium, Total, ICAP	0.23		mg/l	0.020
02/07/07		Perchlorate	356000		ug/l	40000
02/10/07		Total Dissolved Solid (TDS)	6530	500	mg/l	10
	2702060612	ART-6				
02/12/07		Chromium, Total, ICAP	0.19		mg/l	0.020
02/08/07		Metals digestion performed.	Y		Yes/No	
02/07/07		Perchlorate	86000		ug/l	20000
02/10/07		Total Dissolved Solid (TDS)	7790	500	mg/l	10
	2702060613	ART-7				
02/07/07		Chromium, Total, ICAP	0.69		mg/l	0.020

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#195327

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

Samples Received
06-feb-2007 16:21:25

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702060613	ART-7				
02/07/07	Perchlorate		146000		ug/l	20000
02/10/07	Total Dissolved Solid (TDS)		8980	500	mg/l	10
	2702060614	ART-8				
02/07/07	Chromium, Total, ICAP		0.20		mg/l	0.020
02/07/07	Perchlorate		293000		ug/l	40000
02/10/07	Total Dissolved Solid (TDS)		9840	500	mg/l	10
	2702060615	PC-99R2/R3				
02/07/07	Perchlorate		16600		ug/l	2000
02/10/07	Total Dissolved Solid (TDS)		4150	500	mg/l	10
	2702060616	PC-115R				
02/07/07	Perchlorate		16100		ug/l	2000
02/10/07	Total Dissolved Solid (TDS)		4160	500	mg/l	10
	2702060617	PC-116R				
02/08/07	Perchlorate		10100		ug/l	2000
02/10/07	Total Dissolved Solid (TDS)		4640	500	mg/l	10
	2702060618	SEEP SURFACE FLOW				
02/08/07	Metals digestion performed.		Y		Yes/No	
02/08/07	Perchlorate		3230		ug/l	400
02/10/07	Total Dissolved Solid (TDS)		3440	500	mg/l	10

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Laboratory
Hits Report
#195327

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

Samples Received
06-feb-2007 16:21:25

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702060619	SF-1				
	2702060619	SF-1				
02/08/07		Metals digestion performed.	Y		Yes/No	
02/10/07		Total Dissolved Solid (TDS)	6160	500	mg/l	10
	2702060621	PC-117				
02/08/07		Perchlorate	6080		ug/l	2000
02/10/07		Total Dissolved Solid (TDS)	4370	500	mg/l	10
	2702060623	PC-118				
02/08/07		Perchlorate	10800		ug/l	2000
02/10/07		Total Dissolved Solid (TDS)	4100	500	mg/l	10
	2702060624	PC-119				
02/08/07		Perchlorate	8070		ug/l	2000
02/10/07		Total Dissolved Solid (TDS)	3990	500	mg/l	10
	2702060625	PC-120				
02/08/07		Perchlorate	3440		ug/l	400
02/10/07		Total Dissolved Solid (TDS)	3220	500	mg/l	10
	2702060626	PC-121				
02/08/07		Perchlorate	2600		ug/l	400
02/10/07		Total Dissolved Solid (TDS)	2910	500	mg/l	10

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Hits Report
#195327

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

Samples Received
06-feb-2007 16:21:25

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702060626	PC-121				
	2702060627	PC-133				
02/08/07	Perchlorate		8200		ug/l	800
02/10/07	Total Dissolved Solid (TDS)		4140	500	mg/l	10
	2702060628	ART-9				
02/07/07	Chromium, Total, ICAP		1.1		mg/l	0.020
02/08/07	Perchlorate		332000		ug/l	20000
02/10/07	Total Dissolved Solid (TDS)		7780	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Data Report
#195327

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

Samples Received
02/06/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2702060600) Sampled on 02/05/07 05:30								
	02/07/07 00:00	352052	(EPA 314	) Perchlorate	191	ug/l	40	10
	02/07/07 00:00	351831	(ML/EPA 200.7	) Chromium, Total, ICAP	ND	mg/l	0.050	5
02/10/07	02/10/07 16:14	352793	(SM 2540C	) Total Dissolved Solid (TDS)	7290	mg/l	10	1
ART-2 (2702060608) Sampled on 02/05/07 05:30								
	02/09/07 00:00	352192	(EPA 314	) Perchlorate	109000	ug/l	20000	5000
	02/07/07 00:00	351831	(ML/EPA 200.7	) Chromium, Total, ICAP	ND	mg/l	0.050	5
02/10/07	02/10/07 16:14	352793	(SM 2540C	) Total Dissolved Solid (TDS)	9540	mg/l	10	1
ART-3 (2702060609) Sampled on 02/05/07 05:30								
	02/07/07 00:00	352052	(EPA 314	) Perchlorate	390000	ug/l	40000	10000
	02/07/07 00:00	351831	(ML/EPA 200.7	) Chromium, Total, ICAP	0.26	mg/l	0.020	2
02/10/07	02/10/07 16:14	352793	(SM 2540C	) Total Dissolved Solid (TDS)	8700	mg/l	10	1
ART-4 (2702060610) Sampled on 02/05/07 05:30								
	02/07/07 00:00	352052	(EPA 314	) Perchlorate	356000	ug/l	40000	10000
	02/07/07 00:00	351831	(ML/EPA 200.7	) Chromium, Total, ICAP	0.23	mg/l	0.020	2
02/10/07	02/10/07 16:14	352793	(SM 2540C	) Total Dissolved Solid (TDS)	6530	mg/l	10	1
ART-6 (2702060612) Sampled on 02/05/07 05:30								
	02/07/07 00:00	352052	(EPA 314	) Perchlorate	86000	ug/l	20000	5000
	02/12/07 10:10	352541	(ML/EPA 200.7	) Chromium, Total, ICAP	0.19	mg/l	0.020	2
	02/08/07 12:32		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
02/10/07	02/10/07 16:14	352793	(SM 2540C	) Total Dissolved Solid (TDS)	7790	mg/l	10	1
ART-7 (2702060613) Sampled on 02/05/07 05:30								
	02/07/07 00:00	352052	(EPA 314	) Perchlorate	146000	ug/l	20000	5000
	02/07/07 00:00	351831	(ML/EPA 200.7	) Chromium, Total, ICAP	0.69	mg/l	0.020	2
02/10/07	02/10/07 16:14	352793	(SM 2540C) Total Dissolved Solid (TDS)	8980	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2702060614) Sampled on 02/05/07 05:30								
	02/07/07 00:00	352052	(EPA 314)	Perchlorate	293000	ug/l	40000	10000
	02/07/07 00:00	351831	(ML/EPA 200.7)	Chromium, Total, ICAP	0.20	mg/l	0.020	2
02/10/07	02/10/07 16:14	352793	(SM 2540C)	Total Dissolved Solid (TDS)	9840	mg/l	10	1
PC-99R2/R3 (2702060615) Sampled on 02/05/07 06:00								
	02/07/07 00:00	352052	(EPA 314)	Perchlorate	16600	ug/l	2000	500
	02/07/07 00:00	351831	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
02/10/07	02/10/07 16:14	352793	(SM 2540C)	Total Dissolved Solid (TDS)	4150	mg/l	10	1
PC-115R (2702060616) Sampled on 02/05/07 06:00								
	02/07/07 00:00	352052	(EPA 314)	Perchlorate	16100	ug/l	2000	500
	02/07/07 00:00	351831	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
02/10/07	02/10/07 16:14	352793	(SM 2540C)	Total Dissolved Solid (TDS)	4160	mg/l	10	1
PC-116R (2702060617) Sampled on 02/05/07 06:00								
	02/08/07 00:00	352052	(EPA 314)	Perchlorate	10100	ug/l	2000	500
	02/07/07 00:00	351831	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
02/10/07	02/10/07 16:14	352793	(SM 2540C)	Total Dissolved Solid (TDS)	4640	mg/l	10	1
SEEP SURFACE FLOW (2702060618) Sampled on 02/05/07 06:00								
	02/08/07 00:00	352052	(EPA 314)	Perchlorate	3230	ug/l	400	100
	02/12/07 10:14	352541	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/08/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/10/07	02/10/07 16:14	352793	(SM 2540C)	Total Dissolved Solid (TDS)	3440	mg/l	10	1
SF-1 (2702060619) Sampled on 02/05/07 06:00								
	02/08/07 00:00	352052	(EPA 314)	Perchlorate	ND	ug/l	10	5
	02/12/07 10:19	352541	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/08/07 12:32		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
02/10/07	02/10/07 16:14	352793	(SM 2540C)	Total Dissolved Solid (TDS)	6160	mg/l	10	1



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Laboratory
Data Report
#195327

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-117 (2702060621)				Sampled on 02/05/07 06:00				
	02/08/07 00:00	352052	(EPA 314)	Perchlorate	6080	ug/l	2000	500
	02/07/07 00:00	351831	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
02/10/07	02/10/07 16:14	352793	(SM 2540C)	Total Dissolved Solid (TDS)	4370	mg/l	10	1
PC-118 (2702060623)				Sampled on 02/05/07 06:00				
	02/08/07 00:00	352052	(EPA 314)	Perchlorate	10800	ug/l	2000	500
	02/07/07 00:00	351831	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
02/10/07	02/10/07 16:14	352793	(SM 2540C)	Total Dissolved Solid (TDS)	4100	mg/l	10	1
PC-119 (2702060624)				Sampled on 02/05/07 06:00				
	02/08/07 00:00	352052	(EPA 314)	Perchlorate	8070	ug/l	2000	500
	02/07/07 00:00	351831	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
02/10/07	02/10/07 16:14	352793	(SM 2540C)	Total Dissolved Solid (TDS)	3990	mg/l	10	1
PC-120 (2702060625)				Sampled on 02/05/07 06:00				
	02/08/07 00:00	352052	(EPA 314)	Perchlorate	3440	ug/l	400	100
	02/07/07 00:00	351831	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
02/10/07	02/10/07 16:42	352795	(SM 2540C)	Total Dissolved Solid (TDS)	3220	mg/l	10	1
PC-121 (2702060626)				Sampled on 02/05/07 06:00				
	02/08/07 00:00	352052	(EPA 314)	Perchlorate	2600	ug/l	400	100
	02/07/07 00:00	351831	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
02/10/07	02/10/07 16:42	352795	(SM 2540C)	Total Dissolved Solid (TDS)	2910	mg/l	10	1
PC-133 (2702060627)				Sampled on 02/05/07 06:00				
	02/08/07 00:00	352052	(EPA 314)	Perchlorate	8200	ug/l	800	200
	02/07/07 00:00	351831	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
02/10/07	02/10/07 16:42	352795	(SM 2540C)	Total Dissolved Solid (TDS)	4140	mg/l	10	1



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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-9 (2702060628)				Sampled on 02/05/07 05:30				
	02/08/07 00:00	352052	(EPA 314)	Perchlorate	332000	ug/l	20000	5000
	02/07/07 00:00	351832	(ML/EPA 200.7)	Chromium, Total, ICAP	1.1	mg/l	0.020	2
02/10/07	02/10/07 16:14	352793	(SM 2540C)	Total Dissolved Solid (TDS)	7780	mg/l	10	1



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QC Ref #351831 - Chromium, Total, ICAP

Analysis Date: 02/07/2007

2702060600	ART-1	Analyzed by: wbh
2702060608	ART-2	Analyzed by: wbh
2702060609	ART-3	Analyzed by: wbh
2702060610	ART-4	Analyzed by: wbh
2702060613	ART-7	Analyzed by: wbh
2702060614	ART-8	Analyzed by: wbh
2702060615	PC-99R2/R3	Analyzed by: wbh
2702060616	PC-115R	Analyzed by: wbh
2702060617	PC-116R	Analyzed by: wbh
2702060621	PC-117	Analyzed by: wbh
2702060623	PC-118	Analyzed by: wbh
2702060624	PC-119	Analyzed by: wbh
2702060625	PC-120	Analyzed by: wbh
2702060626	PC-121	Analyzed by: wbh
2702060627	PC-133	Analyzed by: wbh

QC Ref #351832 - Chromium, Total, ICAP

Analysis Date: 02/07/2007

2702060628	ART-9	Analyzed by: wbh
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QC Ref #352052 - Perchlorate

Analysis Date: 02/07/2007

2702060600	ART-1	Analyzed by: raja
2702060609	ART-3	Analyzed by: raja
2702060610	ART-4	Analyzed by: raja
2702060612	ART-6	Analyzed by: raja
2702060613	ART-7	Analyzed by: raja
2702060614	ART-8	Analyzed by: raja
2702060615	PC-99R2/R3	Analyzed by: raja
2702060616	PC-115R	Analyzed by: raja
2702060617	PC-116R	Analyzed by: raja
2702060618	SEEP SURFACE FLOW	Analyzed by: raja
2702060619	SF-1	Analyzed by: raja
2702060621	PC-117	Analyzed by: raja
2702060623	PC-118	Analyzed by: raja
2702060624	PC-119	Analyzed by: raja
2702060625	PC-120	Analyzed by: raja
2702060626	PC-121	Analyzed by: raja
2702060627	PC-133	Analyzed by: raja
2702060628	ART-9	Analyzed by: raja



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Tronox LLC - Henderson
(continued)

QC Ref #352192 - Perchlorate Analysis Date: 02/09/2007

2702060608 ART-2 Analyzed by: raja

QC Ref #352541 - Chromium, Total, ICAP Analysis Date: 02/12/2007

2702060612 ART-6 Analyzed by: wbh
2702060618 SEEP SURFACE FLOW Analyzed by: wbh
2702060619 SF-1 Analyzed by: wbh

QC Ref #352793 - Total Dissolved Solid (TDS) Analysis Date: 02/10/2007

2702060600 ART-1 Analyzed by: anh
2702060608 ART-2 Analyzed by: anh
2702060609 ART-3 Analyzed by: anh
2702060610 ART-4 Analyzed by: anh
2702060612 ART-6 Analyzed by: anh
2702060613 ART-7 Analyzed by: anh
2702060614 ART-8 Analyzed by: anh
2702060615 PC-99R2/R3 Analyzed by: anh
2702060616 PC-115R Analyzed by: anh
2702060617 PC-116R Analyzed by: anh
2702060618 SEEP SURFACE FLOW Analyzed by: anh
2702060619 SF-1 Analyzed by: anh
2702060621 PC-117 Analyzed by: anh
2702060623 PC-118 Analyzed by: anh
2702060624 PC-119 Analyzed by: anh
2702060628 ART-9 Analyzed by: anh

QC Ref #352795 - Total Dissolved Solid (TDS) Analysis Date: 02/10/2007

2702060625 PC-120 Analyzed by: anh
2702060626 PC-121 Analyzed by: anh
2702060627 PC-133 Analyzed by: anh



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QC Ref #351831 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	02060616	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.973	MGL	97.3	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.973	MGL	97.3	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0100	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	1.98	MGL	99.0	(70-130)	
MSD	Chromium, Total, ICAP	2.00	1.97	MGL	98.5	(70-130)	

QC Ref #351832 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	02060612	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.995	MGL	99.5	(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	0.0100	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	2.00	2.00	MGL	100.0	(70-130)	
MSD	Chromium, Total, ICAP	2.00	2.03	MGL	101.5	(70-130)	

QC Ref #352052 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	02060608	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.6	UGL	98.4	(85-115)	
LCS2	Perchlorate	25.0	25.8	UGL	103.2	(85-115)	
LCS3	Perchlorate	4	3.36	UGL	84.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
RPD_LCS	Perchlorate	98.400	103.200	UGL	4.8	(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.



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QC Ref #352192

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	02060700	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.2	UGL	92.8	(85-115)	
LCS2	Perchlorate	25.0	22.9	UGL	91.6	(85-115)	
LCS3	Perchlorate	4	3.01	UGL	75.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	21.6	UGL	86.4	(70-130)	
MSD	Perchlorate	25.0	20.1	UGL	80.4	(70-130)	
RPD_LCS	Perchlorate	92.800	91.600	UGL	1.3	(0-20)	
RPD_MS	Perchlorate	86.400	80.400	UGL	7.2	(0-20)	

QC Ref #352541

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.885	MGL	88.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.944	MGL	94.4	(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	0.955	MGL	95.5	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.937	MGL	93.7	(70-130)	

QC Ref #352793

Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	01300334	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	9340	9340	MGL		(0-10)	0.0
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	664	MGL	94.9	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)	

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Tronox LLC - Henderson
(continued)

RPD_LCS Total Dissolved Solid (TDS) 93.714 94.857 MGL 1.2 (0-20)

QC Ref #352795 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	02060625	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	3220	3200	MGL		(0-10)	0.6
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	11	MGL	110.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	97.429	MGL	3.9	(0-20)	

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