



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)

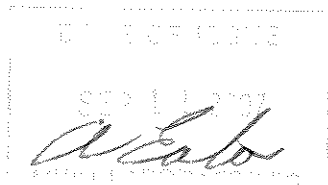
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 214530
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 11 page[s].



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September 11, 2007

Ms. Susan Crowley
Tronox
PO Box 55
Henderson, NV 89009

Subject: Case Narrative report 214530

Enclosed is MWH Laboratories Report 214530

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on August 28, 2007 with proper chain of custody. All containers were received without any visible signs of tampering or breakage at proper temperature. Samples are identified on the acknowledgement, which is part of the report package, along with the chain of custody.

Case Narrative:

For the MWH Laboratories data the following issues were observed: None

Sincerely,

Andrew Eaton, PhD
Project Manager



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

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: AW

SAMPLE TEMP, RECEIPT AT LAB: 26

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	
KERRMC6EE-MP Sampler		Collection Wells Fields - Weekly - SO #12373		Tronox LLC - Henderson Plant PO Box 55 Henderson, NV 89009		<input checked="" type="checkbox"/> (check for yes) <input type="checkbox"/>			
Michele Brown Susan Crowley (702) 651-2200		Michele Brown		MATRIX		TDS			
Michele Brown		IDENTIFIER, STATE ID#		GRAB		CLO4			
Michele Brown		LOCATION		RSW		X			
Michele Brown		DATE		ART-1		X		SBO - 12373 & 18787	
Michele Brown		TIME		ART-2		X			
Michele Brown				ART-3		X			
Michele Brown				ART-4		X			
Michele Brown				ART-5		X			
Michele Brown				ART-6		X			
Michele Brown				ART-7		X		NO SAMPLE	
Michele Brown				ART-8		X			
Michele Brown				PC-99R2IR3		X			
Michele Brown				PC-115R		X			
Michele Brown				PC-116R		X			
Michele Brown				Seep Surface Flow		X		NO SAMPLE	

* MATRIX TYPES:

Reported by Volume:

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

RGW = Raw Ground Water
RSW = Raw Surface Water

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

Reported by Weight:
SO = Soil
SL = Sludge

RELINQUISHED BY: <u>Michele Brown</u>	PRINT NAME: Michele Brown	COMPANY/TITLE: Veolia Water for Tronox LLC - Henderson Plant	DATE: 8/27/2007	TIME: 1200pm
RECEIVED BY: <u>[Signature]</u>				
RELINQUISHED BY: <u>[Signature]</u>				
RECEIVED BY: <u>[Signature]</u>				



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

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

M/LABS USE ONLY:

LOGIN COMMENTS: _____

SAMPLES CHECKED/LOGGED IN BY: _____

SAMPLE TEMP, RECEIPT AT LAB: _____

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#

KERRMC0EE-MP Collection Wells Fields - Monthly - SO #12373

Sampler Signature: *Michele Brown* Tronox LLC - Henderson Plant LLC
PO Box 55
Henderson, NV 89009

Susan Crowley (702) 651-2200

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																		
6:00	8/27/07		SF-1	RSW	X		Total Cl ₂	X																	
6:00	8/27/07		PC-117	RSW	X		TDS	X																	
6:00	8/27/07		PC-118	RSW	X			X																	
6:00	8/27/07		PC-119	RSW	X			X																	
6:00	8/27/07		PC-120	RSW	X			X																	
6:00	8/27/07		PC-121	RSW	X			X																	
6:00	8/27/07		PC-133	RSW	X			X																	
5:30	8/27/07		ART-9	RSW	X			X																	

* MATRIX TYPES:

Reported by Volume:
 CFW = Chlor(amine)inated Finished Water
 FW = Other Finished Water

RGW = Raw Ground Water
 RSW = Raw Surface Water

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

Reported by Weight:
 SO = Soil
 SL = Sludge

RELINQUISHED BY: _____	SIGNATURE: <i>Michele Brown</i>	PRINT NAME: Michele Brown	COMPANY/TITLE: Veolia Water for Tronox LLC - Henderson Plant	DATE: 8/27/2007	TIME: 1200pm
RECEIVED BY: _____	SIGNATURE: _____	PRINT NAME: _____	COMPANY/TITLE: _____	DATE: 08/28/07	TIME: 10:00
RELINQUISHED BY: _____	SIGNATURE: _____	PRINT NAME: _____	COMPANY/TITLE: _____	DATE: _____	TIME: _____
RECEIVED BY: _____	SIGNATURE: _____	PRINT NAME: _____	COMPANY/TITLE: _____	DATE: _____	TIME: _____



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

Bottle Order for Ironox LLC- Henderson Standing

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

W Weekly
Week 1

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

SO# 37525 12373 RS

Sampler: Please Return this Paper with your samples

0 Ship Sample Kits to
Veolia Water-Tronox LLC
Gate 1
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to
Ironox LLC, Henderson Plant
P.O. Box 55
Henderson, NV 89009

Billing Address
Ironox LLC
Attn: Accounts Payable
PO BOX 268859
Oklahoma City, OK 73126-8859

ATTN: Susan Crowley
PHONE: 702-651-2234

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

Quote#

of Samples Tests

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
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-IDS	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

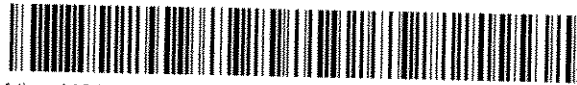
SCANNED

From: Origin ID: LASA (702)651-2230
TRONOX LLC
TRONOX LLC
8000 LAKE MEAD PARKWAY
SHIPPING DEPARTMENT
HENDERSON, NV 89015



Ship Date: 27AUG07
ActWgt: 33 LB
System#: 2274147/INET7061
Account#: S *****

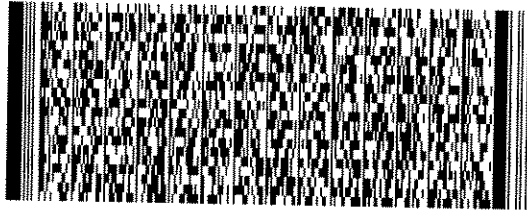
Delivery Address Bar Code



Ref # MSO #142744
Invoice #
PO #
Dept #

SHIP TO: (626)568-6400 **BILL SENDER**
ATTN: SAMPLE RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS DR # 100

MONROVIA, CA 910163629

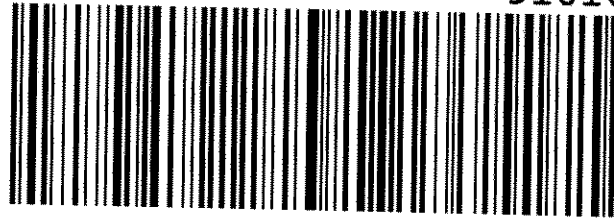


TRK# 7903 2331 4170
0201

TUE - 28AUG A2
PRIORITY OVERNIGHT

QZ-WHPA

BUR
CA-US
91016



SCANNED

Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

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#: 214530
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **08/28/07**. 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
2708280164	ART-1	CLO4 TDS	Water	27-aug-2007 05:30:00
2708280165	ART-2	CLO4 TDS	Water	27-aug-2007 05:30:00
2708280166	ART-3	CLO4 TDS	Water	27-aug-2007 05:30:00
2708280167	ART-4	CLO4 TDS	Water	27-aug-2007 05:30:00
2708280168	ART-6	CLO4 TDS	Water	27-aug-2007 05:30:00
2708280169	ART-7	CLO4 TDS	Water	27-aug-2007 05:30:00
2708280170	ART-8	CLO4 TDS	Water	27-aug-2007 05:30:00
2708280171	PC-99R2/R3	CLO4 TDS	Water	27-aug-2007 06:00:00
2708280172	PC-115R	CLO4 TDS	Water	27-aug-2007 06:00:00
2708280173	PC-116R	CLO4 TDS	Water	27-aug-2007 06:00:00
2708280174	SF-1	CLO4 TDS	Water	27-aug-2007 06:00:00
2708280175	PC-117	CLO4 TDS	Water	27-aug-2007 06:00:00
2708280176	PC-118	CLO4 TDS	Water	27-aug-2007 06:00:00
2708280177	PC-119	CLO4 TDS	Water	27-aug-2007 06:00:00
2708280178	PC-120	CLO4 TDS	Water	27-aug-2007 06:00:00
2708280179	PC-121	CLO4 TDS	Water	27-aug-2007 06:00:00
2708280180	PC-133	CLO4 TDS	Water	27-aug-2007 06:00:00

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#: 214530
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2708280181	ART-9	CLO4 TDS	Water	27-aug-2007 05:30:00

Test Acronym Description

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




A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Menlo Park, California 94025-3629
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1 800 566 LABS (1 800 566 5227)

Report
Comments
#214530

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.

Signature: 



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Laboratory
Hits Report
#214530

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

Samples Received
28-aug-2007 12:18:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708280164	ART-1				
08/28/07	Perchlorate		103		ug/l	10
08/31/07	Total Dissolved Solid (TDS)		6820	500	mg/l	10
	2708280165	ART-2				
08/28/07	Perchlorate		79000		ug/l	10000
08/31/07	Total Dissolved Solid (TDS)		9280	500	mg/l	10
	2708280166	ART-3				
08/28/07	Perchlorate		320000		ug/l	40000
08/31/07	Total Dissolved Solid (TDS)		8640	500	mg/l	10
	2708280167	ART-4				
08/28/07	Perchlorate		306000		ug/l	40000
08/31/07	Total Dissolved Solid (TDS)		6230	500	mg/l	10
	2708280168	ART-6				
08/28/07	Perchlorate		83100		ug/l	20000
08/31/07	Total Dissolved Solid (TDS)		7280	500	mg/l	10
	2708280169	ART-7				
08/28/07	Perchlorate		135000		ug/l	20000
08/31/07	Total Dissolved Solid (TDS)		9780	500	mg/l	10
	2708280170	ART-8				

SUMMARY OF POSITIVE DATA ONLY.



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 Monrovia, California 91016-3829
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Laboratory
 Hits Report
 #214530

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

Samples Received
 28-aug-2007 12:18:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708280170	ART-8				
08/28/07	Perchlorate		247000		ug/l	40000
08/31/07	Total Dissolved Solid (TDS)		9400	500	mg/l	10
	2708280171	PC-99R2/R3				
08/28/07	Perchlorate		10600		ug/l	2000
08/31/07	Total Dissolved Solid (TDS)		3610	500	mg/l	10
	2708280172	PC-115R				
08/29/07	Perchlorate		10300		ug/l	2000
08/31/07	Total Dissolved Solid (TDS)		3780	500	mg/l	10
	2708280173	PC-116R				
08/29/07	Perchlorate		7070		ug/l	2000
08/31/07	Total Dissolved Solid (TDS)		3700	500	mg/l	10
	2708280174	SF-1				
08/31/07	Total Dissolved Solid (TDS)		6000	500	mg/l	10
	2708280175	PC-117				
08/29/07	Perchlorate		2470		ug/l	400
08/31/07	Total Dissolved Solid (TDS)		3210	500	mg/l	10
	2708280176	PC-118				
08/29/07	Perchlorate		9020		ug/l	800

SUMMARY OF POSITIVE DATA ONLY.



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 Monrovia, California 91016-3629
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Laboratory
 Hits Report
 #214530

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

Samples Received
 28-aug-2007 12:18:34

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2708280176	PC-118				
08/31/07	Total Dissolved Solid (TDS)		3900	500	mg/l	10
	2708280177	PC-119				
08/29/07	Perchlorate		3750		ug/l	400
08/31/07	Total Dissolved Solid (TDS)		3340	500	mg/l	10
	2708280178	PC-120				
08/29/07	Perchlorate		1460		ug/l	400
08/31/07	Total Dissolved Solid (TDS)		2690	500	mg/l	10
	2708280179	PC-121				
08/29/07	Perchlorate		1570		ug/l	400
08/31/07	Total Dissolved Solid (TDS)		2730	500	mg/l	10
	2708280180	PC-133				
08/29/07	Perchlorate		3110		ug/l	400
08/31/07	Total Dissolved Solid (TDS)		3100	500	mg/l	10
	2708280181	ART-9				
08/29/07	Perchlorate		340000		ug/l	40000
08/31/07	Total Dissolved Solid (TDS)		7780	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Data Report
 #214530

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

Samples Received
 08/28/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2708280164) Sampled on 08/27/07 05:30								
	08/28/07 10:29	383072	(EPA 314)	Perchlorate	103	ug/l	10	5
08/31/07	08/31/07 15:00	383789	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6820	mg/l	10	1
ART-2 (2708280165) Sampled on 08/27/07 05:30								
	08/28/07 10:29	383072	(EPA 314)	Perchlorate	79000	ug/l	10000	2500
08/31/07	08/31/07 15:00	383789	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9280	mg/l	10	1
ART-3 (2708280166) Sampled on 08/27/07 05:30								
	08/28/07 10:29	383072	(EPA 314)	Perchlorate	320000	ug/l	40000	10000
08/31/07	08/31/07 15:00	383789	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8640	mg/l	10	1
ART-4 (2708280167) Sampled on 08/27/07 05:30								
	08/28/07 10:29	383072	(EPA 314)	Perchlorate	306000	ug/l	40000	10000
08/31/07	08/31/07 15:00	383789	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6230	mg/l	10	1
ART-6 (2708280168) Sampled on 08/27/07 05:30								
	08/28/07 10:29	383072	(EPA 314)	Perchlorate	83100	ug/l	20000	5000
08/31/07	08/31/07 15:00	383789	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7280	mg/l	10	1
ART-7 (2708280169) Sampled on 08/27/07 05:30								
	08/28/07 10:29	383072	(EPA 314)	Perchlorate	135000	ug/l	20000	5000
08/31/07	08/31/07 15:00	383789	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9780	mg/l	10	1
ART-8 (2708280170) Sampled on 08/27/07 05:30								
	08/28/07 10:29	383072	(EPA 314)	Perchlorate	247000	ug/l	40000	10000
08/31/07	08/31/07 15:00	383789	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	9400	mg/l	10	1



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Data Report
#214530

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2708280171) Sampled on 08/27/07 06:00								
	08/28/07 10:29	383072	(EPA 314)	Perchlorate	10600	ug/l	2000	500
08/31/07	08/31/07 15:00	383789	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3610	mg/l	10	1
PC-115R (2708280172) Sampled on 08/27/07 06:00								
	08/29/07 11:14	383225	(EPA 314)	Perchlorate	10300	ug/l	2000	500
08/31/07	08/31/07 15:00	383789	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3780	mg/l	10	1
PC-116R (2708280173) Sampled on 08/27/07 06:00								
	08/29/07 09:23	383072	(EPA 314)	Perchlorate	7070	ug/l	2000	500
08/31/07	08/31/07 15:00	383789	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3700	mg/l	10	1
SF-1 (2708280174) Sampled on 08/27/07 06:00								
	08/29/07 09:23	383072	(EPA 314)	Perchlorate	ND	ug/l	10	5
08/31/07	08/31/07 15:00	383789	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6000	mg/l	10	1
PC-117 (2708280175) Sampled on 08/27/07 06:00								
	08/29/07 09:23	383072	(EPA 314)	Perchlorate	2470	ug/l	400	100
08/31/07	08/31/07 16:30	383788	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3210	mg/l	10	1
PC-118 (2708280176) Sampled on 08/27/07 06:00								
	08/29/07 09:23	383072	(EPA 314)	Perchlorate	9020	ug/l	800	200
08/31/07	08/31/07 16:30	383788	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3900	mg/l	10	1
PC-119 (2708280177) Sampled on 08/27/07 06:00								
	08/29/07 11:14	383225	(EPA 314)	Perchlorate	3750	ug/l	400	100
08/31/07	08/31/07 16:30	383788	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3340	mg/l	10	1
PC-120 (2708280178) Sampled on 08/27/07 06:00								
	08/29/07 11:14	383225	(EPA 314)	Perchlorate	1460	ug/l	400	100
08/31/07	08/31/07 16:30	383788	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2690	mg/l	10	1



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Laboratory
Data Report
#214530

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
				PC-121 (2708280179) Sampled on 08/27/07 06:00				
	08/29/07 11:14	383225	(EPA 314)	Perchlorate	1570	ug/l	400	100
08/31/07	08/31/07 16:30	383788	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	2730	mg/l	10	1
				PC-133 (2708280180) Sampled on 08/27/07 06:00				
	08/29/07 11:14	383225	(EPA 314)	Perchlorate	3110	ug/l	400	100
08/31/07	08/31/07 16:30	383788	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3100	mg/l	10	1
				ART-9 (2708280181) Sampled on 08/27/07 05:30				
	08/29/07 11:14	383225	(EPA 314)	Perchlorate	340000	ug/l	40000	10000
08/31/07	08/31/07 15:00	383789	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7780	mg/l	10	1



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Laboratory
QC Summary
#214530

Tronox LLC - Henderson

QC Ref #383072 - Perchlorate

Analysis Date: 08/28/2007

2708280164	ART-1	Analyzed by: clv
2708280165	ART-2	Analyzed by: clv
2708280166	ART-3	Analyzed by: clv
2708280167	ART-4	Analyzed by: clv
2708280168	ART-6	Analyzed by: clv
2708280169	ART-7	Analyzed by: clv
2708280170	ART-8	Analyzed by: clv
2708280171	PC-99R2/R3	Analyzed by: clv
2708280173	PC-116R	Analyzed by: clv
2708280174	SF-1	Analyzed by: clv
2708280175	PC-117	Analyzed by: clv
2708280176	PC-118	Analyzed by: clv

QC Ref #383225 - Perchlorate

Analysis Date: 08/29/2007

2708280172	PC-115R	Analyzed by: clv
2708280177	PC-119	Analyzed by: clv
2708280178	PC-120	Analyzed by: clv
2708280179	PC-121	Analyzed by: clv
2708280180	PC-133	Analyzed by: clv
2708280181	ART-9	Analyzed by: clv

QC Ref #383788 - Total Dissolved Solid (TDS)

Analysis Date: 08/31/2007

2708280175	PC-117	Analyzed by: yvette
2708280176	PC-118	Analyzed by: yvette
2708280177	PC-119	Analyzed by: yvette
2708280178	PC-120	Analyzed by: yvette
2708280179	PC-121	Analyzed by: yvette
2708280180	PC-133	Analyzed by: yvette

QC Ref #383789 - Total Dissolved Solid (TDS)

Analysis Date: 08/31/2007

2708280164	ART-1	Analyzed by: yvette
2708280165	ART-2	Analyzed by: yvette
2708280166	ART-3	Analyzed by: yvette
2708280167	ART-4	Analyzed by: yvette
2708280168	ART-6	Analyzed by: yvette
2708280169	ART-7	Analyzed by: yvette
2708280170	ART-8	Analyzed by: yvette



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QC Summary
#214530

Tronox LLC - Henderson
(continued)

2708280171	PC-99R2/R3	Analyzed by: yvette
2708280172	PC-115R	Analyzed by: yvette
2708280173	PC-116R	Analyzed by: yvette
2708280174	SF-1	Analyzed by: yvette
2708280181	ART-9	Analyzed by: yvette



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Laboratory
QC Report
#214530

Tronox LLC - Henderson

QC Ref #383072

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	08270355	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.1	UGL	104.4	(85-115)	
LCS2	Perchlorate	25.0	26.5	UGL	106.0	(85-115)	
LCS3	Perchlorate	4	4.86	UGL	121.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	27.8	UGL	111.2	(80-120)	
MSD	Perchlorate	25.0	28.9	UGL	115.6	(80-120)	
RPD_LCS	Perchlorate	104.400	106.000	UGL	1.5	(0-15)	
RPD_MS	Perchlorate	111.200	115.600	UGL	1.0	(0-15)	

QC Ref #383225

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	08280180	UGL		(0-0)	
LCS1	Perchlorate	25.0	27.0	UGL	108.0	(85-115)	
LCS2	Perchlorate	25.0	27.4	UGL	109.6	(85-115)	
LCS3	Perchlorate	4	4.27	UGL	106.7	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	29.0	UGL	116.0	(80-120)	
MSD	Perchlorate	25.0	27.2	UGL	108.8	(80-120)	
RPD_LCS	Perchlorate	108.000	109.600	UGL	1.5	(0-15)	
RPD_MS	Perchlorate	116.000	108.800	UGL	0.9	(0-15)	

QC Ref #383788

Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08280175	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	3208	3220	MGL		(0-10)	0.4
LCS1	Total Dissolved Solid (TDS)	175	170	MGL	97.1	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	692	MGL	98.9	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	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.



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Tronox LLC - Henderson
 (continued)

MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	(50-150)
RPD_LCS	Total Dissolved Solid (TDS)	97.143	98.857	MGL	1.7	(0-20)

QC Ref #383789 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	08300436	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	620	628	MGL		(0-10)	1.3
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	702	MGL	100.3	(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)	98.286	100.286	MGL	2.0	(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.