



MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive
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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

DATE OF ISSUE
Jun 12 2009
MWH LABORATORIES

ADE Andy Eaton
Project Manager



Report#: 270815
Project: CL04
PO#: Susan Crowle

This report shall not be reproduced except in full, without the written approval of the laboratory. 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].



BUILDING A BETTER WORLD

June 11, 2009

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

Subject: Case Narrative report 270815

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on May 14, 2009 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:

TDS. (2905150035 PC-65) Initial analysis within hold time. Original result did not confirm with historical data.

LCS misinjected. Method requires only 1 LCS

Note that for ion chromatography analyses such as perchlorate, the exact analysis time is not typically shown on the report. Either a 00:00 is shown or the time of injection of the first sample in the batch.

Sincerely,

A handwritten signature in cursive script that reads "Andrew Eaton".

Andrew Eaton, PhD
Project Manager



M/LABS USE ONLY:

750 Royal Oaks Dr, Suite 100, Monrovia, CA 91016-3629

(626) 568-6400 (800) 566-5227

SAMPLES CHECKED/LOGGED IN BY: SM

SAMPLE TEMP, RECEIPT AT LAB: 2

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

Tronox LLC	PROJECT JOB # / P.O.# Annual Groundwater Sampling - April / May	REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES <input type="checkbox"/> (check for yes)		
Tronox LLC	Tronox LLC 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 *			PH	Specific Conductance	Total Chromium	Hexavalent Chromium	Perchlorate, ClO ₄	TDS	SAMPLER COMMENTS
				RGW	GRAB	COMP							
1005	13 MAY 09	PC-65		RGW	X			X	X	X	X	X	
1045	13 MAY 09	PC-66		11	X			X	X	X	X	X	
1115	13 MAY 09	PC-67		11	X			X	X	X	X	X	
1200	13 MAY 09	PC-28		11	X			X	X	X	X	X	
1300	13 MAY 09	PC-31		11	X			X	X	X	X	X	
1355	13 MAY 09	PC-40		11	X			X	X	X	X	X	

* MATRIX TYPES: Reported by Volume: CFW = Chlor(am)inated Finished Water, FW = Other Finished Water, RGW = Raw Ground Water, RSW = Raw Surface Water

Reported by Weight: SO = Soil, SL = Sludge

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

RELINQUISHED BY: <u>Darren Qualls</u>	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY: <u>John</u>		Darren Qualls	GES/SAMPLER	13 MAY 09	1430
RELINQUISHED BY: <u>John</u>		John	MWH	15/14/09	1240
RECEIVED BY: <u>John</u>		John	MWH	15/14/09	1240



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 M Monthly
 Project Code CLO4
 PO# / Job# GWREMEDICATION
 Blanket PO

SO# 47684 12374 RS **0** **Sampler: Please Return this Paper with your samples**

Created by GJY 0 Ship Sample Kits to

Order Date 04/16/09 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

Date Samples to Arrive at MWL

ATTN: Susan Crowley
 PHONE: 702-651-2234

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

Quote#

GJY

SHIP LOCATION

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
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

From: Origin ID: LASA (702) 651-2234
 Susan Crowley
 Tronox
 8000 West Lake Mead Parkway

Henderson, NV 89015



J90110901302023

Ship Date: 13MAY09
 ActWgt: 50.0 LB
 CAD: 7219287/INET9011
 Account#: S *****

Delivery Address Bar Code



Ref # annual water sampling-10181.23
 Invoice #
 PO #
 Dept #

SHIP TO: (626) 386-1100 BILL SENDER

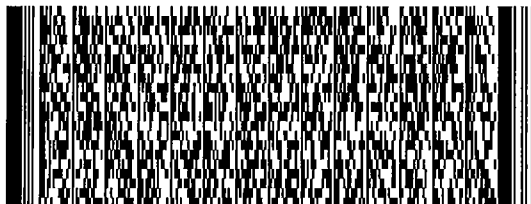
Sample Receiving
MWH Labs
750 ROYAL OAKS DR STE 100

MONROVIA, CA 91016

THU - 14MAY A2

TRK# 7966 0482 6135
 0201

PRIORITY OVERNIGHT

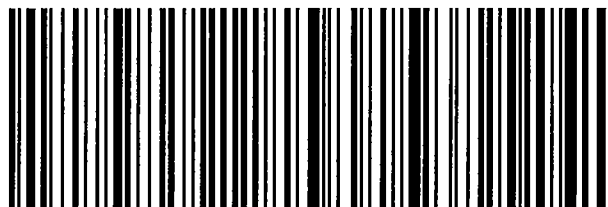


91016

CA-US

BUR

QZ WHPA



After printing this label:

1. Use the 'Print' button on this page to print your label 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#: 270815
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on 05/14/09. 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
2905150035	PC-65	CLO4 CR6010	Water	13-may-2009 10:05:00
			P T	TDS
2905150036	PC-66	CLO4 CR6010	Water	13-may-2009 10:45:00
			P T	TDS
2905150037	PC-67	CLO4 CR6010	Water	13-may-2009 11:15:00
			P T	TDS
2905150038	PC-28	CLO4 CR6010	Water	13-may-2009 12:00:00
			P T	TDS
2905150039	PC-31	CLO4 CR6010	Water	13-may-2009 13:00:00
			P T	TDS
2905150040	PC-40	CLO4 CR6010	Water	13-may-2009 13:55:00
			P T	TDS

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
P	Metals sample pH
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)



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Report
Comments
#270815

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: _____

Group Comments

(CLO4) LCS misinjected. Method requires only 1 LCS. Precision can be assessed from the MS/MSD recoveries and other QCs.

(QC Ref#: 2905150035)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)

HA - Initial analysis within holding time. Reanalysis was past holding time.



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Laboratory
 Hits Report
 #270815

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

Samples Received
 14-may-2009 12:40:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2905150035	PC-65				
05/25/09	Chromium, Total, ICAP		1.6		mg/l	0.050
06/05/09	Metals digestion performed.		Y		Yes/No	
06/04/09	Perchlorate		332000		ug/l	40000
05/26/09	Total Dissolved Solid (TDS)		6900	500	mg/l	10
	2905150036	PC-66				
06/09/09	Chromium, Total, ICAP		2.6		mg/l	0.050
06/08/09	Metals digestion performed.		Y		Yes/No	
05/28/09	Perchlorate		388000		ug/l	40000
05/20/09	Total Dissolved Solid (TDS)		7740	500	mg/l	10
	2905150037	PC-67				
06/07/09	Chromium, Total, ICAP		0.80		mg/l	0.020
06/08/09	Metals digestion performed.		Y		Yes/No	
05/28/09	Perchlorate		70000		ug/l	4000
05/20/09	Total Dissolved Solid (TDS)		12500	500	mg/l	10
	2905150038	PC-28				
06/08/09	Chromium, Total, ICAP		1.3		mg/l	0.050
06/08/09	Metals digestion performed.		Y		Yes/No	
05/28/09	Perchlorate		536000		ug/l	40000
05/20/09	Total Dissolved Solid (TDS)		7580	500	mg/l	10
	2905150039	PC-31				
06/08/09	Metals digestion performed.		Y		Yes/No	
06/03/09	Perchlorate		6850		ug/l	400

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#270815

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

Samples Received
14-may-2009 12:40:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2905150039	PC-31				
05/20/09	Total Dissolved Solid (TDS)		6160	500	mg/l	10
	2905150040	PC-40				
06/08/09	Metals digestion performed.		Y		Yes/No	
05/28/09	Perchlorate		13100		ug/l	2000
05/20/09	Total Dissolved Solid (TDS)		13000	500	mg/l	10



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Laboratory
Data Report
#270815

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

Samples Received
05/14/09

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-65 (2905150035)				Sampled on 05/13/09 10:05				
	06/04/09 15:41	487101	(EPA 314)	Perchlorate	332000	ug/l	40000	10000
05/25/09	05/25/09 00:00	486391	(ML/EPA 6010B)	Chromium, Total, ICAP	1.6	mg/l	0.050	5
	06/05/09 14:06		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/20/09	05/26/09 16:20	486585	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6900 (HA)	mg/l	10	1
PC-66 (2905150036)				Sampled on 05/13/09 10:45				
	05/28/09 00:00	486172	(EPA 314)	Perchlorate	388000	ug/l	40000	10000
06/09/09	06/09/09 00:00	487356	(ML/EPA 6010B)	Chromium, Total, ICAP	2.6	mg/l	0.050	5
	06/08/09 13:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/20/09	05/20/09 19:35	485818	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7740	mg/l	10	1
PC-67 (2905150037)				Sampled on 05/13/09 11:15				
	05/28/09 00:00	486172	(EPA 314)	Perchlorate	70000	ug/l	4000	1000
06/01/09	06/07/09 00:00	487102	(ML/EPA 6010B)	Chromium, Total, ICAP	0.80	mg/l	0.020	2
	06/08/09 13:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/20/09	05/20/09 19:35	485818	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	12500	mg/l	10	1
PC-28 (2905150038)				Sampled on 05/13/09 12:00				
	05/28/09 00:00	486172	(EPA 314)	Perchlorate	536000	ug/l	40000	10000
06/01/09	06/08/09 00:00	487106	(ML/EPA 6010B)	Chromium, Total, ICAP	1.3	mg/l	0.050	5
	06/08/09 13:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/20/09	05/20/09 19:35	485818	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7580	mg/l	10	1
PC-31 (2905150039)				Sampled on 05/13/09 13:00				
	06/03/09 10:17	486887	(EPA 314)	Perchlorate	6850	ug/l	400	100
06/01/09	06/07/09 00:00	487102	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	06/08/09 13:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/20/09	05/20/09 19:35	485818	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6160	mg/l	10	1



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Laboratory
Data Report
#270815

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-40 (2905150040)				Sampled on 05/13/09 13:55				
	05/28/09 00:00	486172	(EPA 314)	Perchlorate	13100	ug/l	2000	500
06/01/09	06/08/09 00:00	487106	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	06/08/09 13:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/20/09	05/20/09 19:35	485818	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	13000	mg/l	10	1



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Laboratory
QC Summary
#270815

Tronox LLC - Henderson

QC Ref #485818 - Total Dissolved Solid (TDS) Analysis Date: 05/20/2009

2905150036	PC-66	Analyzed by: lmr
2905150037	PC-67	Analyzed by: lmr
2905150038	PC-28	Analyzed by: lmr
2905150039	PC-31	Analyzed by: lmr
2905150040	PC-40	Analyzed by: lmr

QC Ref #486172 - Perchlorate Analysis Date: 05/28/2009

2905150036	PC-66	Analyzed by: ser
2905150037	PC-67	Analyzed by: ser
2905150038	PC-28	Analyzed by: ser
2905150040	PC-40	Analyzed by: ser

QC Ref #486391 - Chromium, Total, ICAP Analysis Date: 05/25/2009

2905150035	PC-65	Analyzed by: csk
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QC Ref #486585 - Total Dissolved Solid (TDS) Analysis Date: 05/26/2009

2905150035	PC-65	Analyzed by: jrf
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QC Ref #486887 - Perchlorate Analysis Date: 06/03/2009

2905150039	PC-31	Analyzed by: ser
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QC Ref #487101 - Perchlorate Analysis Date: 06/04/2009

2905150035	PC-65	Analyzed by: ser
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QC Ref #487102 - Chromium, Total, ICAP Analysis Date: 06/07/2009

2905150037	PC-67	Analyzed by: csk
2905150039	PC-31	Analyzed by: csk



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Laboratory
QC Summary
#270815

Tronox LLC - Henderson
(continued)

QC Ref #487106 - Chromium, Total, ICAP

Analysis Date: 06/08/2009

2905150038 PC-28
2905150040 PC-40

Analyzed by: csk
Analyzed by: csk

QC Ref #487356 - Chromium, Total, ICAP

Analysis Date: 06/09/2009

2905150036 PC-66

Analyzed by: csk

Tronox LLC - Henderson

QC Ref #485818 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05140263	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	3480	3410	MGL		(0-10)	2.0
LCS1	Total Dissolved Solid (TDS)	175	180	MGL	102.9	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	680	MGL	97.1	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	13	MGL	130.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	102.857	97.143	MGL	5.7	(0-20)	

QC Ref #486172 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	05210015	UGL		(0-0)	
LCS2	Perchlorate	25.0	23.8	UGL	95.2	(85-115)	
LCS3	Perchlorate	4	3.39	UGL	84.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.1	UGL	100.4	(80-120)	
MSD	Perchlorate	25.0	28.4	UGL	113.6	(80-120)	
RPD_LCS	Perchlorate		95.200	UGL		(0-15)	
RPD_MS	Perchlorate	100.400	113.600	UGL	1.1	(0-15)	

QC Ref #486391 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05060040	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.848	MGL	84.8	(70-130)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

Tronox LLC - Henderson
(continued)

MSD2 Chromium, Total, ICAP 1.00 1.03 MGL 103.0 (70-130)

QC Ref #486585 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05210034	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	436	428	MGL		(0-10)	1.9
LCS1	Total Dissolved Solid (TDS)	175	188	MGL	107.4	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	692	MGL	98.9	(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)	107.429	98.857	MGL	8.3	(0-20)	

QC Ref #486887 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	06020022	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	
LCS3	Perchlorate	4	4.64	UGL	116.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.1	UGL	104.4	(80-120)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(80-120)	
RPD_LCS	Perchlorate	100.800	98.000	UGL	2.8	(0-15)	
RPD_MS	Perchlorate	104.400	98.800	UGL	0.9	(0-15)	

QC Ref #487101 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	05130175	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.0	UGL	96.0	(85-115)	
LCS2	Perchlorate	25.0	23.6	UGL	94.4	(85-115)	
LCS3	Perchlorate	4	3.06	UGL	76.5	(75-125)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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Tronox LLC - Henderson
 (continued)

Sample	Analyte	ND	<4.0	UGL		
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	25.4	UGL	101.6	(80-120)
MSD	Perchlorate	25.0	25.0	UGL	100.0	(80-120)
RPD_LCS	Perchlorate	96.000	94.400	UGL	1.7	(0-15)
RPD_MS	Perchlorate	101.600	100.000	UGL	1.0	(0-15)

QC Ref #487102 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05060129	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0103	MGL	103.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.911	MGL	91.1	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.978	MGL	97.8	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.921	MGL	92.1	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.937	MGL	93.7	(70-130)	

QC Ref #487106 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05110095	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0109	MGL	109.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.08	MGL	108.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	1.07	MGL	107.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.06	MGL	106.0	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.991	MGL	99.1	(70-130)	

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Laboratory
QC Report
#270815

Tronox LLC - Henderson
(continued)

QC Ref #487356

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05200129	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.09	MGL	109.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0102	MGL	102.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.877	MGL	87.7	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.925	MGL	92.5	(70-130)	

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are advisory only, unless otherwise specified in the method.