



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

DATE OF ISSUE
Jun 10 2009
MWH LABORATORIES

ADE Andy Eaton
Project Manager



Report#: 270578
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 270578

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on May 09, 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:

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

750 Royal Oaks Drive
Suite 100
Monrovia, CA 91016

TEL 626-3865-1100
FAX 626-386-1101
www.mwhlabs.com



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

270570

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: OS/JS

SAMPLE TEMP, RECEIPT AT LAB: 6

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME		PROJECT JOB # / P.O.#		ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)		SAMPLER COMMENTS
Tronox LLC Sampler		Tronox LLC PO Box 55 Henderson, NV 89009		Annual Groundwater Sampling - April / May		
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	COMP	
815	5-8-09	PC-94		RGW	X	
905	5-8-09	PC-93		RGW	X	
1055	5-8-09	PC-2		RGW	X	
1140	5-8-09	H5W-1		RGW	X	
1225	5-8-09	HM-2		RGW	X	
1330	5-8-09	PC-104		RGW	X	
1535	5-8-09	Hmid14		RGW	X	

* MATRIX TYPES:

Reported by Volume:

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

Reported by Weight:

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

SO = Soil
SL = Sludge

SIGNATURE

Phil Brunkhoff
Jill Sanchez

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

PRINT NAME

Phil Brunkhoff
Jill Sanchez

COMPANY/TITLE

GIS/Geologist
MWH

DATE

5-8-09 16:00
5-9-09 10:40

TIME



MWH Laboratories, a Division of MWH Americas, Inc. **Bottle Order for Ironox, LLC, Henderson Plant**
 750 Royal Oaks Drive Suite 100
 Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

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

BO# 51473

Sampler: please return this paper with your samples

Created by ADE

Order Date **05/04/09**
 Date Needed by Client **05/07/09**
 Date Samples to Arrive at MWL **05/12/09**

Tronox, LLC
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Susan Crowley
 PHONE: 702-651-2234

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

Ship Sample Kits to

Send Report to

Tronox, LLC, Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

Billing Address

Tronox, LLC, Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

Project Name

monthly

Client Code KERRMCGEE-NV

Project Code CLO4

PO# / Job#

SC-1

Group #

Date Sampled

Date Received

of Samples

Tests

Qteline#

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

1 250 ml poly acid rinsed + 0.5 ml HNO3

1 250 ml poly - no preservative

1 60ml poly+0.60 mL 5% EDA sol'n

2: 1 x 250 ml poly acid rinsed + 1 ml HNO3, 1 x 500 ml poly no preserv.

UN DOT #

UN 2031

UN 1604

UN 2031

Comments

Login - use KERRMCGEE-MP account
 note - includes TR wells new field contact is Richard Cooke (GES) at 702-325-7678 (c)

shipping - DO NOT INCLUDE BLUE ICE - client will use Wet Ice

shipping - send in 7 ice chests. Client will send back over time

Code

Status

Date Shipped

Via

Tracking #

of Coolers

Prepared By

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



Henderson, NV 89015

Ship Date: 08MAY09
ActWgt: 50.0 LB
CAD: 7219287/INET9011
Account#: S *****

Delivery Address Bar Code



Ref # Annual Water Samples-10182.23
Invoice #
PO #
Dept #

SHIP TO: (626) 386-1100 BILL SENDER

Sample Receiving
MWH Labs
750 ROYAL OAKS DR STE 100

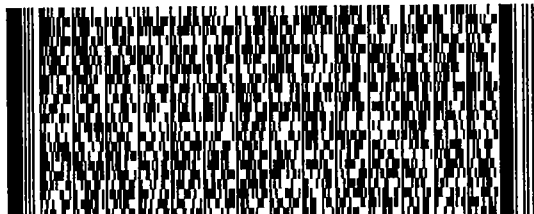
MONROVIA, CA 91016

RELEASE#: 3785346

SATURDAY ### A2

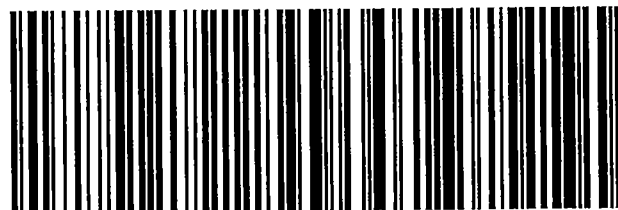
PRIORITY OVERNIGHT

TRK# 7965 9264 8940
0201



91016
CA-US
BUR

X0 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.

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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#: 270578
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on 05/09/09. 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
2905120033	PC-94	CLO4 TDS	Water	08-may-2009 08:15:00
2905120034	PC-93	CLO39056 CLO4 TDS	Water CR6010	08-may-2009 09:05:00 NO39056 P T
2905120035	PC-2	CLO39056 CLO4 TDS	Water CR6010	08-may-2009 10:55:00 NO39056 P T
2905120036	HSW-1	CLO4 TDS	Water	08-may-2009 11:40:00
2905120037	HM-2	CLO4 TDS	Water	08-may-2009 12:25:00
2905120038	PC-104	CLO4 CR6010	Water P T	08-may-2009 13:30:00 TDS
2905120039	HMW14	CLO4 TDS	Water	08-may-2009 15:35:00

Test Acronym Description

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



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Report
Comments
#270578

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
#270578

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

Samples Received
09-may-2009 10:40:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2905120033	PC-94				
06/04/09	Perchlorate		5430		ug/l	400
05/15/09	Total Dissolved Solid (TDS)		5270	500	mg/l	10
	2905120034	PC-93				
05/23/09	Chlorate by IC		58500		ug/l	1000
06/08/09	Chromium, Total, ICAP		0.061		mg/l	0.020
06/04/09	Metals digestion performed.		Y		Yes/No	
05/09/09	Nitrate as Nitrogen by IC		17.0		mg/l	2.5
06/03/09	Perchlorate		7890		ug/l	400
05/15/09	Total Dissolved Solid (TDS)		5360	500	mg/l	10
	2905120035	PC-2				
05/20/09	Chlorate by IC		30400		ug/l	1000
06/09/09	Chromium, Total, ICAP		0.13		mg/l	0.010
06/08/09	Metals digestion performed.		Y		Yes/No	
05/09/09	Nitrate as Nitrogen by IC		11.0		mg/l	2.5
06/04/09	Perchlorate		5510		ug/l	400
05/15/09	Total Dissolved Solid (TDS)		7020	500	mg/l	10
	2905120036	HSW-1				
06/04/09	Perchlorate		4330		ug/l	400
05/15/09	Total Dissolved Solid (TDS)		5170	500	mg/l	10
	2905120037	HM-2				
06/04/09	Perchlorate		2750		ug/l	200
05/15/09	Total Dissolved Solid (TDS)		4240	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #270578

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

Samples Received
 09-may-2009 10:40:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2905120037	HM-2				
	2905120038	PC-104				
06/08/09	Metals digestion performed.		Y		Yes/No	
06/04/09	Perchlorate		2420		ug/l	200
05/15/09	Total Dissolved Solid (TDS)		3420	500	mg/l	10
	2905120039	HMW-14				
06/03/09	Perchlorate		9890		ug/l	800
05/15/09	Total Dissolved Solid (TDS)		6700	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Data Report
 #270578

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

Samples Received
 05/09/09

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-94 (2905120033) Sampled on 05/08/09 08:15								
	06/04/09 00:00	487085	(EPA 314)	Perchlorate	5430	ug/l	400	100
05/15/09	05/15/09 22:35	484924	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5270	mg/l	10	1
PC-93 (2905120034) Sampled on 05/08/09 09:05								
	05/23/09 00:00	485939	(ML/EPA 9056)	Chlorate by IC	58500	ug/l	1000	100
	06/03/09 17:34	487093	(EPA 314)	Perchlorate	7890	ug/l	400	100
06/03/09	06/08/09 00:00	487112	(ML/EPA 6010B)	Chromium, Total, ICAP	0.061	mg/l	0.020	2
	06/04/09 00:00		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/09/09 13:52	485107	(ML/EPA 9056)	Nitrate as Nitrogen by IC	17.0	mg/l	2.5	25
05/15/09	05/15/09 22:35	484924	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5360	mg/l	10	1
PC-2 (2905120035) Sampled on 05/08/09 10:55								
	05/20/09 12:10	485614	(ML/EPA 9056)	Chlorate by IC	30400	ug/l	1000	100
	06/04/09 00:00	487085	(EPA 314)	Perchlorate	5510	ug/l	400	100
06/05/09	06/09/09 00:00	487350	(ML/EPA 6010B)	Chromium, Total, ICAP	0.13	mg/l	0.010	1
	06/08/09 13:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/09/09 13:11	485107	(ML/EPA 9056)	Nitrate as Nitrogen by IC	11.0	mg/l	2.5	25
05/15/09	05/15/09 22:35	484924	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7020	mg/l	10	1
HSW-1 (2905120036) Sampled on 05/08/09 11:40								
	06/04/09 00:00	487085	(EPA 314)	Perchlorate	4330	ug/l	400	100
05/15/09	05/15/09 22:35	484924	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5170	mg/l	10	1
HM-2 (2905120037) Sampled on 05/08/09 12:25								
	06/04/09 00:00	487085	(EPA 314)	Perchlorate	2750	ug/l	200	50
05/15/09	05/15/09 22:35	484924	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4240	mg/l	10	1



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Laboratory
Data Report
#270578

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-104 (2905120038)				Sampled on 05/08/09 13:30				
	06/04/09 00:00	487085	(EPA 314)	Perchlorate	2420	ug/l	200	50
06/05/09	06/09/09 00:00	487350	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.010	1
	06/08/09 13:47		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/15/09	05/15/09 22:35	484924	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3420	mg/l	10	1
HMW-14 (2905120039)				Sampled on 05/08/09 15:35				
	06/03/09 17:34	487093	(EPA 314)	Perchlorate	9890	ug/l	800	200
05/15/09	05/15/09 22:35	484924	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6700	mg/l	10	1



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Laboratory
QC Summary
#270578

Tronox LLC - Henderson

QC Ref #484924 - Total Dissolved Solid (TDS) Analysis Date: 05/15/2009

2905120033	PC-94	Analyzed by: axd
2905120034	PC-93	Analyzed by: axd
2905120035	PC-2	Analyzed by: axd
2905120036	HSW-1	Analyzed by: axd
2905120037	HM-2	Analyzed by: axd
2905120038	PC-104	Analyzed by: axd
2905120039	HMW-14	Analyzed by: axd

QC Ref #485107 - Nitrate as Nitrogen by IC Analysis Date: 05/09/2009

2905120034	PC-93	Analyzed by: vxt
2905120035	PC-2	Analyzed by: vxt

QC Ref #485614 - Chlorate by IC Analysis Date: 05/20/2009

2905120035	PC-2	Analyzed by: ser
------------	------	------------------

QC Ref #485939 - Chlorate by IC Analysis Date: 05/23/2009

2905120034	PC-93	Analyzed by: ser
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QC Ref #487085 - Perchlorate Analysis Date: 06/04/2009

2905120033	PC-94	Analyzed by: ser
2905120035	PC-2	Analyzed by: ser
2905120036	HSW-1	Analyzed by: ser
2905120037	HM-2	Analyzed by: ser
2905120038	PC-104	Analyzed by: ser

QC Ref #487093 - Perchlorate Analysis Date: 06/03/2009

2905120034	PC-93	Analyzed by: ser
2905120039	HMW-14	Analyzed by: ser



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Laboratory
QC Summary
#270578

Tronox LLC - Henderson
(continued)

QC Ref #487112 - Chromium, Total, ICAP

2905120034

PC-93

Analysis Date: 06/08/2009

Analyzed by: csk

QC Ref #487350 - Chromium, Total, ICAP

2905120035

PC-2

2905120038

PC-104

Analysis Date: 06/09/2009

Analyzed by: csk

Analyzed by: csk



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 QC Report
 #270578

Tronox LLC - Henderson

QC Ref #484924 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05080056	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	2	2	MGL		(0-10)	0.0
LCS1	Total Dissolved Solid (TDS)	175	190	MGL	108.6	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	752	MGL	107.4	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	12	MGL	120.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	108.571	107.429	MGL	1.1	(0-20)	

QC Ref #485107 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05120035	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.47	MGL	98.8	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.44	MGL	97.6	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.042	MGL	84.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.32	MGL	105.6	(87-121)	
MSD	Nitrate as Nitrogen by IC	1.25	1.28	MGL	102.4	(87-121)	
RPD_LCS	Nitrate as Nitrogen by IC	98.800	97.600	MGL	1.2	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	105.600	102.400	MGL	3.1	(0-20)	

QC Ref #485614 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05200501	UGL		(0-0)	
LCS1	Chlorate by IC	200	206	UGL	103.0	(90-110)	
LCS2	Chlorate by IC	200	199	UGL	99.5	(90-110)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	12.1	UGL	121.0	(50-150)	
MS	Chlorate by IC	100	103	UGL	103.0	(75-125)	
MSD	Chlorate by IC	100	102	UGL	102.0	(75-125)	

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)

RPD_LCS	Chlorate by IC	103.000	99.500	UGL	3.5	(0-20)
RPD_MS	Chlorate by IC	103.000	102.000	UGL	1.0	(0-20)

QC Ref #485939 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05210040	UGL		(0-0)	
LCS1	Chlorate by IC	200	201	UGL	100.5	(90-110)	
LCS2	Chlorate by IC	200	201	UGL	100.5	(90-110)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	8.99	UGL	89.9	(50-150)	
MS	Chlorate by IC	100	102	UGL	102.0	(75-125)	
MSD	Chlorate by IC	100	102	UGL	102.0	(75-125)	
RPD_LCS	Chlorate by IC	100.500	100.500	UGL	0.0	(0-20)	
RPD_MS	Chlorate by IC	102.000	102.000	UGL	0.0	(0-20)	

QC Ref #487085 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	05200013	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	26.2	UGL	104.8	(85-115)	
LCS3	Perchlorate	4	4.93	UGL	123.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.8	UGL	107.2	(80-120)	
MSD	Perchlorate	25.0	28.9	UGL	115.6	(80-120)	
RPD_LCS	Perchlorate	100.800	104.800	UGL	3.9	(0-15)	
RPD_MS	Perchlorate	107.200	115.600	UGL	1.1	(0-15)	

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Laboratory
QC Report
#270578

Tronox LLC - Henderson
(continued)

QC Ref #487093 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	05200011	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.0	UGL	96.0	(85-115)	
LCS2	Perchlorate	25.0	23.9	UGL	95.6	(85-115)	
LCS3	Perchlorate	4	3.60	UGL	90.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.9	UGL	99.6	(80-120)	
MSD	Perchlorate	25.0	25.0	UGL	100.0	(80-120)	
RPD_LCS	Perchlorate	96.000	95.600	UGL	0.4	(0-15)	
RPD_MS	Perchlorate	99.600	100.000	UGL	1.0	(0-15)	

QC Ref #487112 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab #29	05120265	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(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	0.0106	MGL	106.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.831	MGL	83.1	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.997	MGL	99.7	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.941	MGL	94.1	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	0.958	MGL	95.8	(70-130)	

QC Ref #487350 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05120264	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.928	MGL	92.8	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.07	MGL	107.0	(85-115)	

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)

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	0.000	MGL	<u>0.0</u>	(70-130)
MS2	Chromium, Total, ICAP	1.00	0.928	MGL	92.8	(70-130)
MSD	Chromium, Total, ICAP	1.00	0.000	MGL	<u>0.0</u>	(70-130)
MSD2	Chromium, Total, ICAP	1.00	0.908	MGL	90.8	(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.