



# MWH Laboratories

A Division of MWH Americas, Inc.

750 Foyal 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  
Jul 01 2009  
MWH LABORATORIES

ADE Andy Eaton  
Project Manager



Report#: 271066  
Project: CLO4  
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 10 page[s].



**MWH**

BUILDING A BETTER WORLD

July 2, 2009

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

Subject: Case Narrative report 271066

Sample receipt: The samples arrived at MWH on May 21, 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:

Two samples were reanalyzed for TDS past the holding time because the initial data did not match the conductivity or historical data.

None.

Note that for ion chromatography tests such as perchlorate, the exact analysis time is not shown on the report. Only the date of analysis appears. The time normally defaults to 00:00.

If you have any questions, do not hesitate to contact us.

Sincerely yours,

Andrew Eaton, PhD  
Project Manager

**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#: 271066  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on **05/21/09**. 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
2905210121	CLDR-2	CLO4 CR6010	Water	20-may-2009 09:05:00
			P T	TDS
2905210124	M-130	CLO4 CR6010	Water	20-may-2009 09:55:00
			P T	TDS
2905210125	M-129	CLO4 CR6010	Water	20-may-2009 10:35:00
			P T	TDS
2905210126	M-67	CLO4 CR6010	Water	20-may-2009 12:05:00
			P T	TDS
2905210127	M-66	CLO4 CR6010	Water	20-may-2009 14:10:00
			P T	TDS
2905210128	FB-CLDR2	CLO4 CR6010	Water	20-may-2009 16:00:00
			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)



MONTGOMERY WATSON LABORATORIES

# CHAIN OF CUSTODY RECORD

271066

750 Royal Oaks Dr, Suite 100, Monrovia, CA 91016-3629  
(626) 568-6400 (800) 566-5227

SAMPLES CHECKED/LOGGED IN BY: MW/AS  
SAMPLE TEMP, RECEIPT AT LAB: 5°C

BLUE ICE: FROZEN  PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

LABS USE ONLY:

LOGIN COMMENTS:

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES  (check for yes)

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	RGW	GRAB	COMP	pH	Specific Conductance	Total Chromium	Hexavalent Chromium	Perchlorate, ClO <sub>4</sub>	TDS	SAMPLER COMMENTS
0905	20MAY	CLDK-2	CLDK-2.052009			X	AG		X		X	X	X	
0955		M-130	M-130.052009			X								
1035		M-129	M-129.052009			X								
1205		M-67	M-67.052009			X								
1410		M-66	M-66.052009			X								
1600		FB-CLDK-2	FB-CLDK-2.052009			X								

\* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(amin)ated Finished Water  
FW = Other Finished Water

Reported by Weight:

SO = Soil  
SL = Sludge

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

RGW = Raw Ground Water  
RSW = Raw Surface Water

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY:

Victoria Hansen

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RECEIVED BY:

M. DE MESA

ENVIRO SCIENTIST  
Mesa

DATE

TIME

RELINQUISHED BY:

Victoria Hansen

COMPANY/TITLE

DATE

TIME

RECEIVED BY:

M. DE MESA

COMPANY/TITLE

DATE

TIME

From: Origin ID: LASA (702) 651-2234  
Susan Crowley  
Tronox  
560 West Lake Mead Parkway  
Henderson, NV 89015



Ship Date: 20MAY09  
ActWgt: 50.0 LB  
CAD: 7219287/INET9011  
Account#: S \*\*\*\*\*

Delivery Address Bar Code



Ref # annual water sampling-10181  
Invoice #  
PO #  
Dept #

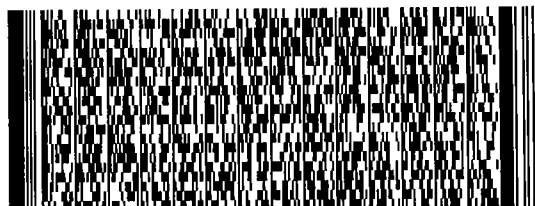
SHIP TO: (626) 386-1100 BILL SENDER

Sample Receiving  
MWH Labs  
750 ROYAL OAKS DR STE 100

MONROVIA, CA 91016

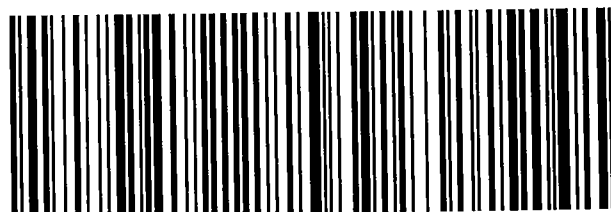
THU - 21MAY A2  
PRIORITY OVERNIGHT

TRK# 7966 2469 7340  
0201



QZ WHPA

91016  
CA-US  
BUR



**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
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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.

<b>CUSTODY SEAL</b>		<b>QEC</b> Quality Environmental Containers 800-255-3950 • 304-255-3900
DATE <i>20MAY09</i>		
SIGNATURE <i>[Signature]</i>		

**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#: 271066  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on 05/21/09. 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
2905210121	CLDR-2	CLO4 CR6010	Water P T	20-may-2009 09:05:00 TDS
2905210124	M-130	CLO4 CR6010	Water P T	20-may-2009 09:55:00 TDS
2905210125	M-129	CLO4 CR6010	Water P T	20-may-2009 10:35:00 TDS
2905210126	M-67	CLO4 CR6010	Water P T	20-may-2009 12:05:00 TDS
2905210127	M-66	CLO4 CR6010	Water P T	20-may-2009 14:10:00 TDS
2905210128	FB-CLDR2	CLO4 CR6010	Water P T	20-may-2009 16:00:00 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)



**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**

2905210126 and 2905210127 were analysed for TDS within holding time, but the results did fall within the expected TDS/EC ratio. Samples were reanalysed on 6.25.09 and the results are within the expected range.

(QC Ref#: 2905210126)

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

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

(QC Ref#: 2905210127)

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  
#271066

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

Samples Received  
21-may-2009 17:31:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2905210121	CLDR-2				
06/09/09	Chromium, Total, ICAP		0.420		mg/l	0.010
06/10/09	Perchlorate		9660		ug/l	800
05/23/09	Total Dissolved Solid (TDS)		6010	500	mg/l	10
	2905210124	M-130				
06/09/09	Chromium, Total, ICAP		0.71		mg/l	0.020
06/10/09	Perchlorate		49800		ug/l	4000
05/23/09	Total Dissolved Solid (TDS)		7310	500	mg/l	10
	2905210125	M-129				
06/09/09	Chromium, Total, ICAP		0.770		mg/l	0.020
06/08/09	Metals digestion performed.		Y		Yes/No	
06/09/09	Perchlorate		46800		ug/l	2000
05/26/09	Total Dissolved Solid (TDS)		6092	500	mg/l	10
	2905210126	M-67				
06/09/09	Chromium, Total, ICAP		6.5		mg/l	0.050
06/09/09	Perchlorate		463000		ug/l	40000
06/25/09	Total Dissolved Solid (TDS)		7710	500	mg/l	10
	2905210127	M-66				
06/09/09	Chromium, Total, ICAP		31		mg/l	0.10
06/08/09	Metals digestion performed.		Y		Yes/No	
06/09/09	Perchlorate		1640000		ug/l	80000
06/25/09	Total Dissolved Solid (TDS)		18100	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.





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Laboratory  
Hits Report  
#271066

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

Samples Received  
21-may-2009 17:31:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2905210128	FB-CLDR2				
	2905210128	FB-CLDR2				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory  
Data Report  
#271066

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

Samples Received  
05/21/09

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>CLDR-2 (2905210121)                      Sampled on 05/20/09 09:05</b>								
	06/10/09 16:07	487704	( EPA 314 )	Perchlorate	9660	ug/l	800	200
06/09/09	06/09/09 00:00	487356	( ML/EPA 6010B )	Chromium, Total, ICAP	0.420	mg/l	0.010	1
05/23/09	05/23/09 16:35	485784	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6010	mg/l	10	1
<b>M-130 (2905210124)                      Sampled on 05/20/09 09:55</b>								
	06/10/09 16:07	487704	( EPA 314 )	Perchlorate	49800	ug/l	4000	1000
06/09/09	06/09/09 18:49	487360	( ML/EPA 6010B )	Chromium, Total, ICAP	0.71	mg/l	0.020	2
05/23/09	05/23/09 16:35	485784	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7310	mg/l	10	1
<b>M-129 (2905210125)                      Sampled on 05/20/09 10:35</b>								
	06/09/09 00:00	487261	( EPA 314 )	Perchlorate	46800	ug/l	2000	500
06/09/09	06/09/09 00:00	487356	( ML/EPA 6010B )	Chromium, Total, ICAP	0.770	mg/l	0.020	2
	06/08/09 13:47		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
05/26/09	05/26/09 18:34	486575	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6092	mg/l	10	1
<b>M-67 (2905210126)                      Sampled on 05/20/09 12:05</b>								
	06/09/09 00:00	487261	( EPA 314 )	Perchlorate	463000	ug/l	40000	10000
06/09/09	06/09/09 00:00	487356	( ML/EPA 6010B )	Chromium, Total, ICAP	6.5	mg/l	0.050	5
06/25/09	06/25/09 16:35	489302	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7710 (HA)	mg/l	10	1
<b>M-66 (2905210127)                      Sampled on 05/20/09 14:10</b>								
	06/09/09 00:00	487261	( EPA 314 )	Perchlorate	1640000	ug/l	80000	20000
06/09/09	06/09/09 18:49	487360	( ML/EPA 6010B )	Chromium, Total, ICAP	31	mg/l	0.10	10
	06/08/09 13:47		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
06/25/09	06/25/09 16:35	489302	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	18100 (HA)	mg/l	10	1



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Laboratory  
Data Report  
#271066

Tronox LLC - Henderson  
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>FB-CLDR2 (2905210128)</b>				<b>Sampled on 05/20/09 16:00</b>				
	06/09/09 00:00	487685	( EPA 314 )	Perchlorate	ND	ug/l	4.0	1
06/09/09	06/09/09 18:49	487360	( ML/EPA 6010B )	Chromium, Total, ICAP	ND	mg/l	0.010	1
05/26/09	05/26/09 18:34	486575	( E160.1/SM2540C )	Total Dissolved Solid (TDS)	ND	mg/l	10	1



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Laboratory  
QC Summary  
#271066

Tronox LLC - Henderson

QC Ref #485784 - Total Dissolved Solid (TDS) Analysis Date: 05/23/2009

2905210121	CLDR-2	Analyzed by: axd
2905210124	M-130	Analyzed by: axd

QC Ref #486575 - Total Dissolved Solid (TDS) Analysis Date: 05/26/2009

2905210125	M-129	Analyzed by: jrf
2905210128	FB-CLDR2	Analyzed by: jrf

QC Ref #487261 - Perchlorate Analysis Date: 06/09/2009

2905210125	M-129	Analyzed by: ser
2905210126	M-67	Analyzed by: ser
2905210127	M-66	Analyzed by: ser

QC Ref #487356 - Chromium, Total, ICAP Analysis Date: 06/09/2009

2905210121	CLDR-2	Analyzed by: csk
2905210125	M-129	Analyzed by: csk
2905210126	M-67	Analyzed by: csk

QC Ref #487360 - Chromium, Total, ICAP Analysis Date: 06/09/2009

2905210124	M-130	Analyzed by: csk
2905210127	M-66	Analyzed by: csk
2905210128	FB-CLDR2	Analyzed by: csk

QC Ref #487685 - Perchlorate Analysis Date: 06/09/2009

2905210128	FB-CLDR2	Analyzed by: ser
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QC Ref #487704 - Perchlorate Analysis Date: 06/10/2009

2905210121	CLDR-2	Analyzed by: ser
2905210124	M-130	Analyzed by: ser



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Laboratory  
QC Summary  
#271066

Tronox LLC - Henderson  
(continued)

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QC Ref #489302 - Total Dissolved Solid (TDS)      Analysis Date: 06/25/2009

2905210126  
2905210127

M-67  
M-66

Analyzed by: jrf  
Analyzed by: jrf



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Laboratory  
QC Report  
#271066

Tronox LLC - Henderson

**QC Ref #485784 Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05210148	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	896	860	MGL		( 0-10 )	4.1
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	666	MGL	95.1	( 80-114 )	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	( 50-150 )	
RPD_LCS	Total Dissolved Solid (TDS)	96.000	95.143	MGL	0.9	( 0-20 )	

**QC Ref #486575 Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05210037	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	604	632	MGL		( 0-10 )	4.5
LCS1	Total Dissolved Solid (TDS)	175	182	MGL	104.0	( 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	10	MGL	100.0	( 50-150 )	
RPD_LCS	Total Dissolved Solid (TDS)	104.000	98.857	MGL	5.1	( 0-20 )	

**QC Ref #487261 Perchlorate**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	06050173	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	25.0	UGL	100.0	( 85-115 )	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	( 85-115 )	
LCS3	Perchlorate	4	4.51	UGL	112.8	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.8	UGL	99.2	( 80-120 )	
MSD	Perchlorate	25.0	24.5	UGL	98.0	( 80-120 )	
RPD_LCS	Perchlorate	100.000	101.200	UGL	1.2	( 0-15 )	
RPD_MS	Perchlorate	99.200	98.000	UGL	1.0	( 0-15 )	

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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Laboratory  
QC Report  
#271066

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 )	

QC Ref #487360                      Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	05210060	MGL		( 0-0 )	
LCS1	Chromium, Total, ICAP	1.00	0.912	MGL	91.2	( 85-115 )	
LCS2	Chromium, Total, ICAP	1.00	0.999	MGL	99.9	( 85-115 )	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0112	MGL	112.0	( 50-150 )	
MS	Chromium, Total, ICAP	1.00	0.977	MGL	97.7	( 70-130 )	
MS2	Chromium, Total, ICAP	1.00	0.904	MGL	90.4	( 70-130 )	
MSD	Chromium, Total, ICAP	1.00	1.010	MGL	101.0	( 70-130 )	
MSD2	Chromium, Total, ICAP	1.00	0.864	MGL	86.4	( 70-130 )	

QC Ref #487685                      Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	0603044	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	23.5	UGL	94.0	( 85-115 )	
LCS2	Perchlorate	25.0	23.2	UGL	92.8	( 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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Laboratory  
QC Report  
#271066

Tronox LLC - Henderson  
(continued)

LCS3	Perchlorate	4	3.02	UGL	75.5	( 75-125 )
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	24.4	UGL	97.6	( 80-120 )
MSD	Perchlorate	25.0	24.0	UGL	96.0	( 80-120 )
RPD_LCS	Perchlorate	94.000	92.800	UGL	1.3	( 0-15 )
RPD_MS	Perchlorate	97.600	96.000	UGL	1.0	( 0-15 )

**QC Ref #487704 Perchlorate**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 29	06020001	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	23.9	UGL	95.6	( 85-115 )	
LCS2	Perchlorate	25.0	24.5	UGL	98.0	( 85-115 )	
LCS3	Perchlorate	4	4.98	UGL	124.5	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	35.0	34.4	UGL	98.3	( 80-120 )	
MSD	Perchlorate	35.0	34.2	UGL	97.7	( 80-120 )	
RPD_LCS	Perchlorate	95.600	98.000	UGL	2.5	( 0-15 )	
RPD_MS	Perchlorate	98.286	97.714	UGL	1.0	( 0-15 )	

**QC Ref #489302 Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 29	06240028	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	374	380	MGL		( 0-10 )	1.6
LCS1	Total Dissolved Solid (TDS)	175	186	MGL	106.3	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	704	MGL	100.6	( 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)	106.286	100.571	MGL	5.5	( 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.