



# 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)

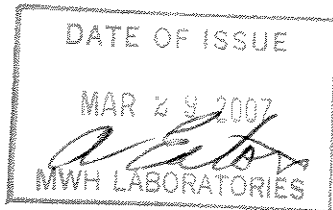
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton  
Project Manager



Report#: 199043  
Project: CL04  
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 12 page[s].





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: FC

SAMPLE TEMP, RECEIPT AT LAB: 62

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 Susan Crowley (702) 651-2200		Collection Wells Fields - Monthly - SO #12373 Tronox LLC - Henderson Plant LLC PO Box 55 Henderson, NV 89009		Total Cl <sub>2</sub>		TDS		CF	
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP			
6:00	3/19/07		SF-1	RSW	X		X		
6:00	3/19/07		PC-117	RSW	X		X		
6:00	3/19/07		PC-118	RSW	X		X		
6:00	3/19/07		PC-119	RSW	X		X		
6:00	3/19/07		PC-120	RSW	X		X		
6:00	3/19/07		PC-121	RSW	X		X		
6:00	3/19/07		PC-133	RSW	X		X		
5:30	3/19/07		ART-9	RSW	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

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

Reported by Weight:  
SO = Soil  
SL = Sludge

RELINQUISHED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY:	<i>Michele Brown</i>	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	3/19/2007	1200pm
RELINQUISHED BY:	<i>[Signature]</i>				
RECEIVED BY:	<i>[Signature]</i>	Fidel Cruz	AWM	3-20-07	1:00pm



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 Ironox LLC- Henderson Standing**

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

W Weekly  
Week 1

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

SO# 34756 12373 RS

**Sampler: Please Return this Paper with your samples**

Created by

Order Date

02/19/07

Date Needed by Client

Ship Sample Kits to  
Veolia Water-Ironox 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  
P.O. 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#**

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
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

**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#: 199043  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on **03/20/07**. 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
2703200178	ART-1	CLO4 TDS	Water	19-mar-2007 05:30:00
2703200179	ART-2	CLO4 TDS	Water	19-mar-2007 05:30:00
2703200180	ART-3	CLO4 TDS	Water	19-mar-2007 05:30:00
2703200181	ART-4	CLO4 TDS	Water	19-mar-2007 05:30:00
2703200182	ART-6	CLO4 TDS	Water	19-mar-2007 05:30:00
2703200183	ART-7	CLO4 TDS	Water	19-mar-2007 05:30:00
2703200184	ART-8	CLO4 TDS	Water	19-mar-2007 05:30:00
2703200185	PC-99R2/R3	CLO4 TDS	Water	19-mar-2007 06:00:00
2703200186	PC-115R	CLO4 TDS	Water	19-mar-2007 06:00:00
2703200187	PC-116R	CLO4 TDS	Water	19-mar-2007 06:00:00
2703200188	SEEP SURFACE FLOW	CLO4 TDS	Water	19-mar-2007 06:00:00
2703200189	SF-1	CLO4 TDS	Water	19-mar-2007 06:00:00
2703200190	PC-117	CLO4 TDS	Water	19-mar-2007 06:00:00
2703200191	PC-118	CLO4 TDS	Water	19-mar-2007 06:00:00
2703200192	PC-119	CLO4 TDS	Water	19-mar-2007 06:00:00
2703200193	PC-120	CLO4 TDS	Water	19-mar-2007 06:00:00
2703200194	PC-121	CLO4 TDS	Water	19-mar-2007 06:00:00

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 PO#: Susan Crowley PO  
 Group#: 199043  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2703200195	PC-133	CLO4 TDS	Water	19-mar-2007 06:00:00
2703200196	ART-9	CLO4 TDS	Water	19-mar-2007 05:30:00

Test Acronym Description

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



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Report  
Comments  
#199043

**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: \_\_\_\_\_



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Laboratory  
Hits Report  
#199043

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

Samples Received  
20-mar-2007 14:43:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2703200178	ART-1				
03/21/07	Perchlorate		152		ug/l	10
03/21/07	Total Dissolved Solid (TDS)		7300	500	mg/l	10
	2703200179	ART-2				
03/22/07	Perchlorate		115000		ug/l	20000
03/21/07	Total Dissolved Solid (TDS)		9300	500	mg/l	10
	2703200180	ART-3				
03/22/07	Perchlorate		352000		ug/l	40000
03/21/07	Total Dissolved Solid (TDS)		8580	500	mg/l	10
	2703200181	ART-4				
03/22/07	Perchlorate		339000		ug/l	40000
03/21/07	Total Dissolved Solid (TDS)		6440	500	mg/l	10
	2703200182	ART-6				
03/22/07	Perchlorate		111000		ug/l	20000
03/21/07	Total Dissolved Solid (TDS)		7500	500	mg/l	10
	2703200183	ART-7				
03/22/07	Perchlorate		134000		ug/l	20000
03/21/07	Total Dissolved Solid (TDS)		10300	500	mg/l	10
	2703200184	ART-8				

SUMMARY OF POSITIVE DATA ONLY.





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#199043

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PO Box 55  
Henderson , NV 89009

Samples Received  
20-mar-2007 14:43:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2703200184</b>	<b>ART-8</b>				
03/22/07	Perchlorate		299000		ug/l	40000
03/21/07	Total Dissolved Solid (TDS)		9670	500	mg/l	10
	<b>2703200185</b>	<b>PC-99R2/R3</b>				
03/22/07	Perchlorate		21300		ug/l	2000
03/21/07	Total Dissolved Solid (TDS)		5090	500	mg/l	10
	<b>2703200186</b>	<b>PC-115R</b>				
03/22/07	Perchlorate		17800		ug/l	2000
03/21/07	Total Dissolved Solid (TDS)		4860	500	mg/l	10
	<b>2703200187</b>	<b>PC-116R</b>				
03/22/07	Perchlorate		14500		ug/l	2000
03/21/07	Total Dissolved Solid (TDS)		5080	500	mg/l	10
	<b>2703200188</b>	<b>SEEP SURFACE FLOW</b>				
03/23/07	Perchlorate		2770		ug/l	200
03/21/07	Total Dissolved Solid (TDS)		3410	500	mg/l	10
	<b>2703200189</b>	<b>SF-1</b>				
03/21/07	Total Dissolved Solid (TDS)		6230	500	mg/l	10
	<b>2703200190</b>	<b>PC-117</b>				
03/22/07	Perchlorate		6910		ug/l	2000

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Samples Received  
20-mar-2007 14:43:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2703200190	PC-117				
03/21/07	Total Dissolved Solid (TDS)		4380	500	mg/l	10
	2703200191	PC-118				
03/22/07	Perchlorate		12600		ug/l	2000
03/21/07	Total Dissolved Solid (TDS)		4340	500	mg/l	10
	2703200192	PC-119				
03/23/07	Perchlorate		7630		ug/l	2000
03/21/07	Total Dissolved Solid (TDS)		3840	500	mg/l	10
	2703200193	PC-120				
03/23/07	Perchlorate		5750		ug/l	400
03/21/07	Total Dissolved Solid (TDS)		3620	500	mg/l	10
	2703200194	PC-121				
03/23/07	Perchlorate		1810		ug/l	400
03/21/07	Total Dissolved Solid (TDS)		2750	500	mg/l	10
	2703200195	PC-133				
03/23/07	Perchlorate		8500		ug/l	400
03/21/07	Total Dissolved Solid (TDS)		5080	500	mg/l	10
	2703200196	ART-9				
03/23/07	Perchlorate		302000		ug/l	20000

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#199043

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Samples Received  
20-mar-2007 14:43:46

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2703200196	ART-9				
03/21/07	Total Dissolved Solid (TDS)		7720	500	mg/l	10



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Data Report  
#199043

Tronox LLC - Henderson  
Susan Crowley  
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Henderson , NV 89009

Samples Received  
03/20/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>ART-1 (2703200178)                    Sampled on 03/19/07 05:30</b>								
	03/21/07 00:01	358498	( EPA 314	) Perchlorate	152	ug/l	10	5
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	7300	mg/l	10	1
<b>ART-2 (2703200179)                    Sampled on 03/19/07 05:30</b>								
	03/22/07 00:00	358627	( EPA 314	) Perchlorate	115000	ug/l	20000	5000
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	9300	mg/l	10	1
<b>ART-3 (2703200180)                    Sampled on 03/19/07 05:30</b>								
	03/22/07 00:00	358627	( EPA 314	) Perchlorate	352000	ug/l	40000	10000
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	8580	mg/l	10	1
<b>ART-4 (2703200181)                    Sampled on 03/19/07 05:30</b>								
	03/22/07 00:00	358627	( EPA 314	) Perchlorate	339000	ug/l	40000	10000
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	6440	mg/l	10	1
<b>ART-6 (2703200182)                    Sampled on 03/19/07 05:30</b>								
	03/22/07 00:00	358627	( EPA 314	) Perchlorate	111000	ug/l	20000	5000
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	7500	mg/l	10	1
<b>ART-7 (2703200183)                    Sampled on 03/19/07 05:30</b>								
	03/22/07 00:00	358627	( EPA 314	) Perchlorate	134000	ug/l	20000	5000
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	10300	mg/l	10	1
<b>ART-8 (2703200184)                    Sampled on 03/19/07 05:30</b>								
	03/22/07 00:00	358627	( EPA 314	) Perchlorate	299000	ug/l	40000	10000
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	9670	mg/l	10	1



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Laboratory  
 Data Report  
 #199043

Tronox LLC - Henderson  
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>PC-99R2/R3 (2703200185)                    Sampled on 03/19/07 06:00</b>								
	03/22/07 00:00	358627	( EPA 314	) Perchlorate	21300	ug/l	2000	500
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	5090	mg/l	10	1
<b>PC-115R (2703200186)                    Sampled on 03/19/07 06:00</b>								
	03/22/07 00:00	358627	( EPA 314	) Perchlorate	17800	ug/l	2000	500
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	4860	mg/l	10	1
<b>PC-116R (2703200187)                    Sampled on 03/19/07 06:00</b>								
	03/22/07 00:00	358627	( EPA 314	) Perchlorate	14500	ug/l	2000	500
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	5080	mg/l	10	1
<b>SEEP SURFACE FLOW (2703200188)                    Sampled on 03/19/07 06:00</b>								
	03/23/07 00:00	358753	( EPA 314	) Perchlorate	2770	ug/l	200	50
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	3410	mg/l	10	1
<b>SF-1 (2703200189)                    Sampled on 03/19/07 06:00</b>								
	03/22/07 00:00	358627	( EPA 314	) Perchlorate	ND	ug/l	10	5
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	6230	mg/l	10	1
<b>PC-117 (2703200190)                    Sampled on 03/19/07 06:00</b>								
	03/22/07 00:00	358627	( EPA 314	) Perchlorate	6910	ug/l	2000	500
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	4380	mg/l	10	1
<b>PC-118 (2703200191)                    Sampled on 03/19/07 06:00</b>								
	03/22/07 00:00	358627	( EPA 314	) Perchlorate	12600	ug/l	2000	500
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	4340	mg/l	10	1
<b>PC-119 (2703200192)                    Sampled on 03/19/07 06:00</b>								
	03/23/07 00:00	358627	( EPA 314	) Perchlorate	7630	ug/l	2000	500
03/21/07	03/21/07 16:01	358656	( SM 2540C	) Total Dissolved Solid (TDS)	3840	mg/l	10	1



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Tronox LLC - Henderson  
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>PC-120 (2703200193)                    Sampled on 03/19/07 06:00</b>								
	03/23/07 00:00	358627	( EPA 314 )	Perchlorate	5750	ug/l	400	100
03/21/07	03/21/07 16:01	358656	( SM 2540C )	Total Dissolved Solid (TDS)	3620	mg/l	10	1
<b>PC-121 (2703200194)                    Sampled on 03/19/07 06:00</b>								
	03/23/07 00:00	358627	( EPA 314 )	Perchlorate	1810	ug/l	400	100
03/21/07	03/21/07 18:25	358654	( SM 2540C )	Total Dissolved Solid (TDS)	2750	mg/l	10	1
<b>PC-133 (2703200195)                    Sampled on 03/19/07 06:00</b>								
	03/23/07 00:00	358627	( EPA 314 )	Perchlorate	8500	ug/l	400	100
03/21/07	03/21/07 18:25	358654	( SM 2540C )	Total Dissolved Solid (TDS)	5080	mg/l	10	1
<b>ART-9 (2703200196)                    Sampled on 03/19/07 05:30</b>								
	03/23/07 00:00	358627	( EPA 314 )	Perchlorate	302000	ug/l	20000	5000
03/21/07	03/21/07 16:01	358656	( SM 2540C )	Total Dissolved Solid (TDS)	7720	mg/l	10	1



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Laboratory  
QC Summary  
#199043

Tronox LLC - Henderson

**QC Ref #358498 - Perchlorate**

**Analysis Date: 03/21/2007**

2703200178

ART-1

Analyzed by: raja

**QC Ref #358627 - Perchlorate**

**Analysis Date: 03/22/2007**

2703200179

ART-2

Analyzed by: raja

2703200180

ART-3

Analyzed by: raja

2703200181

ART-4

Analyzed by: raja

2703200182

ART-6

Analyzed by: raja

2703200183

ART-7

Analyzed by: raja

2703200184

ART-8

Analyzed by: raja

2703200185

PC-99R2/R3

Analyzed by: raja

2703200186

PC-115R

Analyzed by: raja

2703200187

PC-116R

Analyzed by: raja

2703200189

SF-1

Analyzed by: raja

2703200190

PC-117

Analyzed by: raja

2703200191

PC-118

Analyzed by: raja

2703200192

PC-119

Analyzed by: raja

2703200193

PC-120

Analyzed by: raja

2703200194

PC-121

Analyzed by: raja

2703200195

PC-133

Analyzed by: raja

2703200196

ART-9

Analyzed by: raja

**QC Ref #358654 - Total Dissolved Solid (TDS)**

**Analysis Date: 03/21/2007**

2703200194

PC-121

Analyzed by: anh

2703200195

PC-133

Analyzed by: anh

**QC Ref #358656 - Total Dissolved Solid (TDS)**

**Analysis Date: 03/21/2007**

2703200178

ART-1

Analyzed by: anh

2703200179

ART-2

Analyzed by: anh

2703200180

ART-3

Analyzed by: anh

2703200181

ART-4

Analyzed by: anh

2703200182

ART-6

Analyzed by: anh

2703200183

ART-7

Analyzed by: anh

2703200184

ART-8

Analyzed by: anh

2703200185

PC-99R2/R3

Analyzed by: anh

2703200186

PC-115R

Analyzed by: anh

2703200187

PC-116R

Analyzed by: anh

2703200188

SEEP SURFACE FLOW

Analyzed by: anh



**MWH Laboratories**  
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Laboratory  
QC Summary  
#199043

Tronox LLC - Henderson  
(continued)

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2703200189	SF-1	Analyzed by: anh
2703200190	PC-117	Analyzed by: anh
2703200191	PC-118	Analyzed by: anh
2703200192	PC-119	Analyzed by: anh
2703200193	PC-120	Analyzed by: anh
2703200196	ART-9	Analyzed by: anh

QC Ref #358753 - Perchlorate

Analysis Date: 03/23/2007

2703200188	SEEP SURFACE FLOW	Analyzed by: raja
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Tronox LLC - Henderson

**QC Ref #358498**

**Perchlorate**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	03190042	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	25.8	UGL	103.2	( 85-115 )	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	( 85-115 )	
LCS3	Perchlorate	4	4.05	UGL	101.2	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.2	UGL	92.8	( 70-130 )	
MSD	Perchlorate	25.0	21.8	UGL	87.2	( 70-130 )	
RPD_LCS	Perchlorate	103.200	102.400	UGL	0.8	( 0-20 )	
RPD_MS	Perchlorate	92.800	87.200	UGL	6.2	( 0-20 )	

**QC Ref #358627**

**Perchlorate**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	03200186	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	25.8	UGL	103.2	( 85-115 )	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	( 85-115 )	
LCS3	Perchlorate	4	4.27	UGL	106.7	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	21.9	UGL	87.6	( 70-130 )	
MSD	Perchlorate	25.0	22.7	UGL	90.8	( 70-130 )	
RPD_LCS	Perchlorate	103.200	102.400	UGL	0.8	( 0-20 )	
RPD_MS	Perchlorate	87.600	90.800	UGL	3.6	( 0-20 )	

**QC Ref #358654**

**Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	03200194	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	2750	2720	MGL		( 0-10 )	1.1
LCS1	Total Dissolved Solid (TDS)	175	164	MGL	93.7	( 85-115 )	
LCS2	Total Dissolved Solid (TDS)	700	676	MGL	96.6	( 85-115 )	
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.

Tronox LLC - Henderson  
 (continued)

MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	( 50-150 )
RPD_LCS	Total Dissolved Solid (TDS)	93.714	96.571	MGL	3.0	( 0-20 )

**QC Ref #358656                      Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	03200114	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	222	218	MGL		( 0-10 )	1.8
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	( 85-115 )	
LCS2	Total Dissolved Solid (TDS)	700	668	MGL	95.4	( 85-115 )	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	( 50-150 )	
RPD_LCS	Total Dissolved Solid (TDS)	98.286	95.429	MGL	2.9	( 0-20 )	

**QC Ref #358753                      Perchlorate**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	03160081	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	25.7	UGL	102.8	( 85-115 )	
LCS2	Perchlorate	25.0	25.4	UGL	101.6	( 85-115 )	
LCS3	Perchlorate	4	4.08	UGL	102.0	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	( 70-130 )	
MSD	Perchlorate	25.0	24.4	UGL	97.6	( 70-130 )	
RPD_LCS	Perchlorate	102.800	101.600	UGL	1.2	( 0-20 )	
RPD_MS	Perchlorate	97.600	97.600	UGL	0.0	( 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.