



# 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)

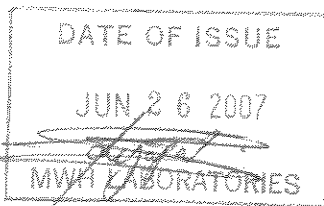
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton  
Project Manager



Report#: 206012  
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].



206012

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: CC

BLUE ICE: FROZEN  PARTIALLY FROZEN  THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRMCGEE-MP** PROJECT JOB # / P.O.#: **Tronox LLC - Henderson Plant**  
 Collection Wells Fields - Weekly - SO #12373  
 Sampler: Michele Brown PO Box 55  
 Susan Crowley (702) 651-2200 Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	COMPLIANCE		SAMPLER COMMENTS
					GRAB	COMP	
0530	5/29/07		ART-1	RSW	X		SBO - 12373 & 18787
0530	5/29/07		ART-2	RSW	X		
0530	5/29/07		ART-3	RSW	X		
0530	5/29/07		ART-4	RSW	X		
0530	5/29/07		ART-5	RSW	X		
0530	5/29/07		ART-6	RSW	X		
0530	5/29/07		ART-7	RSW	X		
0530	5/29/07		ART-8	RSW	X		
0600	5/29/07		PC-99R2/R3	RSW	X		
0600	5/29/07		PC-115R	RSW	X		
0600	5/29/07		PC-110R	RSW	X		
0600	5/29/07		Seep Surface Flow	RSW	X		

\* MATRIX TYPES:

Reported by Volume:

CFW = Chloro(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

DRY NO SAMPLE

SIGNATURE

RELINQUISHED BY: Michele Brown

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water for Tronox LLC - Henderson Plant

DATE

5/29/2007

TIME

1200pm

Fld 16902  
msf  
5-30-07



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MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: FC

SAMPLE TEMP, RECEIPT AT LAB: 6°C

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										(check for yes)					
KERRMCGEE-MP Michele Brown Susan Crowley (702) 651-2200		Tronox LLC - Henderson Plant 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 *	GRS	COMP	Total Cl <sub>2</sub>	TDS	CR									SAMPLER COMMENTS
6:00	5/29/07		SF-1	RSW	X		X											
6:00	5/29/07		PC-117	RSW	X		X											
6:00	5/29/07		PC-118	RSW	X		X											
6:00	5/29/07		PC-119	RSW	X		X											
6:00	5/29/07		PC-120	RSW	X		X											
6:00	5/29/07		PC-121	RSW	X		X											
6:00	5/29/07		PC-133	RSW	X		X											
5:30	5/29/07		ART-9	RSW	X		X											

\* MATRIX TYPES: Reported by Volume: CFW = Chlor(am)inated Finished Water FW = Other Finished Water

Reported by Weight: SO = Soil SL = Sludge

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

RELINQUISHED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY:	<i>Michele Brown</i>	Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	5/29/2007	1200pm
RELINQUISHED BY:	<i>[Signature]</i>				
RECEIVED BY:	<i>[Signature]</i>				



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**

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

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

SO# 35808 12373 RS

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

Created by HV 0 Ship Sample Kits to

Order Date 04/23/07  
Veolia Water-Tronox LLC  
Gate 1  
8000 West Lake Mead Drive  
Henderson, NV 89015

Billing Address

Ironox 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#

HV

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#: 206012  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on **05/30/07**. 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
2705300054	ART-1	CLO4 TDS	Water	29-may-2007 05:30:00
2705300056	ART-2	CLO4 TDS	Water	29-may-2007 05:30:00
2705300057	ART-3	CLO4 TDS	Water	29-may-2007 05:30:00
2705300058	ART-4	CLO4 TDS	Water	29-may-2007 05:30:00
2705300059	ART-6	CLO4 TDS	Water	29-may-2007 05:30:00
2705300060	ART-7	CLO4 TDS	Water	29-may-2007 05:30:00
2705300061	ART-8	CLO4 TDS	Water	29-may-2007 05:30:00
2705300062	PC-99R2/R3	CLO4 TDS	Water	29-may-2007 06:00:00
2705300063	PC-115R	CLO4 TDS	Water	29-may-2007 06:00:00
2705300064	PC-116R	CLO4 TDS	Water	29-may-2007 06:00:00
2705300065	SF-1	CLO4 TDS	Water	29-may-2007 06:00:00
2705300066	PC-117	CLO4 TDS	Water	29-may-2007 06:00:00
2705300067	PC-118	CLO4 TDS	Water	29-may-2007 06:00:00
2705300068	PC-119	CLO4 TDS	Water	29-may-2007 06:00:00
2705300069	PC-120	CLO4 TDS	Water	29-may-2007 06:00:00
2705300070	PC-121	CLO4 TDS	Water	29-may-2007 06:00:00
2705300071	PC-133	CLO4 TDS	Water	29-may-2007 06:00:00

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Customer Code: KERRMCGEE-MP  
PO#: Susan Crowley PO  
Group#: 206012  
Project#: CLO4  
Proj Mgr: Andrew Eaton  
Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2705300072	ART-9	CLO4 TDS	Water	29-may-2007 05:30:00

Test Acronym Description

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



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Report  
Comments  
#206012

## 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  
 #206012

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

Samples Received  
 30-may-2007 12:26:39

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705300054	ART-1				
05/30/07	Perchlorate		117		ug/l	10
05/31/07	Total Dissolved Solid (TDS)		7000	500	mg/l	10
	2705300056	ART-2				
05/30/07	Perchlorate		82500		ug/l	20000
05/31/07	Total Dissolved Solid (TDS)		9880	500	mg/l	10
	2705300057	ART-3				
05/30/07	Perchlorate		330000		ug/l	40000
05/31/07	Total Dissolved Solid (TDS)		8760	500	mg/l	10
	2705300058	ART-4				
05/30/07	Perchlorate		352000		ug/l	40000
05/31/07	Total Dissolved Solid (TDS)		6430	500	mg/l	10
	2705300059	ART-6				
05/31/07	Perchlorate		77300		ug/l	20000
05/31/07	Total Dissolved Solid (TDS)		8010	500	mg/l	10
	2705300060	ART-7				
05/31/07	Perchlorate		140000		ug/l	20000
05/31/07	Total Dissolved Solid (TDS)		10800	500	mg/l	10
	2705300061	ART-8				

SUMMARY OF POSITIVE DATA ONLY.





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 #206012

Tronox LLC - Henderson  
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 PO Box 55  
 Henderson, NV 89009

Samples Received  
 30-may-2007 12:26:39

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2705300061</b>	<b>ART-8</b>				
05/31/07	Perchlorate		260000		ug/l	40000
06/04/07	Total Dissolved Solid (TDS)		9740	500	mg/l	10
	<b>2705300062</b>	<b>PC-99R2/R3</b>				
05/31/07	Perchlorate		21300		ug/l	2000
06/04/07	Total Dissolved Solid (TDS)		5730	500	mg/l	10
	<b>2705300063</b>	<b>PC-115R</b>				
05/31/07	Perchlorate		17500		ug/l	2000
06/04/07	Total Dissolved Solid (TDS)		5620	500	mg/l	10
	<b>2705300064</b>	<b>PC-116R</b>				
05/31/07	Perchlorate		14100		ug/l	2000
06/04/07	Total Dissolved Solid (TDS)		5630	500	mg/l	10
	<b>2705300065</b>	<b>SF-1</b>				
06/04/07	Total Dissolved Solid (TDS)		6830	500	mg/l	10
	<b>2705300066</b>	<b>PC-117</b>				
05/31/07	Perchlorate		4130		ug/l	800
06/04/07	Total Dissolved Solid (TDS)		2620	500	mg/l	10
	<b>2705300067</b>	<b>PC-118</b>				
05/31/07	Perchlorate		10700		ug/l	800

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Hits Report  
#206012

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

Samples Received  
30-may-2007 12:26:39

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705300067	PC-118				
06/04/07	Total Dissolved Solid (TDS)		4740	500	mg/l	10
	2705300068	PC-119				
05/31/07	Perchlorate		8640		ug/l	800
06/04/07	Total Dissolved Solid (TDS)		4330	500	mg/l	10
	2705300069	PC-120				
05/31/07	Perchlorate		2020		ug/l	400
06/04/07	Total Dissolved Solid (TDS)		2960	500	mg/l	10
	2705300070	PC-121				
05/31/07	Perchlorate		1520		ug/l	400
06/04/07	Total Dissolved Solid (TDS)		2780	500	mg/l	10
	2705300071	PC-133				
05/31/07	Perchlorate		6060		ug/l	400
06/04/07	Total Dissolved Solid (TDS)		3920	500	mg/l	10
	2705300072	ART-9				
05/31/07	Perchlorate		322000		ug/l	20000
06/04/07	Total Dissolved Solid (TDS)		7990	500	mg/l	10

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Susan Crowley  
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Henderson , NV 89009

Samples Received  
05/30/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>ART-1 (2705300054)      Sampled on 05/29/07 05:30</b>								
	05/30/07 00:00	369724	( EPA 314 )	Perchlorate	117	ug/l	10	5
05/31/07	05/31/07 15:00	370534	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7000	mg/l	10	1
<b>ART-2 (2705300056)      Sampled on 05/29/07 05:30</b>								
	05/30/07 00:00	369724	( EPA 314 )	Perchlorate	82500	ug/l	20000	5000
05/31/07	05/31/07 15:00	370534	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	9880	mg/l	10	1
<b>ART-3 (2705300057)      Sampled on 05/29/07 05:30</b>								
	05/30/07 00:00	369724	( EPA 314 )	Perchlorate	330000	ug/l	40000	10000
05/31/07	05/31/07 15:00	370534	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	8760	mg/l	10	1
<b>ART-4 (2705300058)      Sampled on 05/29/07 05:30</b>								
	05/30/07 00:00	369724	( EPA 314 )	Perchlorate	352000	ug/l	40000	10000
05/31/07	05/31/07 15:00	370534	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6430	mg/l	10	1
<b>ART-6 (2705300059)      Sampled on 05/29/07 05:30</b>								
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	77300	ug/l	20000	5000
05/31/07	05/31/07 15:00	370534	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	8010	mg/l	10	1
<b>ART-7 (2705300060)      Sampled on 05/29/07 05:30</b>								
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	140000	ug/l	20000	5000
05/31/07	05/31/07 15:00	370534	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	10800	mg/l	10	1
<b>ART-8 (2705300061)      Sampled on 05/29/07 05:30</b>								
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	260000	ug/l	40000	10000
06/04/07	06/04/07 11:30	370884	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	9740	mg/l	10	1



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Tronox LLC - Henderson  
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>PC-99R2/R3 (2705300062)                      Sampled on 05/29/07 06:00</b>								
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	21300	ug/l	2000	500
06/04/07	06/04/07 11:30	370884	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	5730	mg/l	10	1
<b>PC-115R (2705300063)                      Sampled on 05/29/07 06:00</b>								
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	17500	ug/l	2000	500
06/04/07	06/04/07 11:30	370884	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	5620	mg/l	10	1
<b>PC-116R (2705300064)                      Sampled on 05/29/07 06:00</b>								
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	14100	ug/l	2000	500
06/04/07	06/04/07 11:30	370884	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	5630	mg/l	10	1
<b>SF-1 (2705300065)                      Sampled on 05/29/07 06:00</b>								
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	ND	ug/l	10	5
06/04/07	06/04/07 11:30	370884	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6830	mg/l	10	1
<b>PC-117 (2705300066)                      Sampled on 05/29/07 06:00</b>								
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	4130	ug/l	800	200
06/04/07	06/04/07 11:30	370884	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	2620	mg/l	10	1
<b>PC-118 (2705300067)                      Sampled on 05/29/07 06:00</b>								
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	10700	ug/l	800	200
06/04/07	06/04/07 11:30	370884	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	4740	mg/l	10	1
<b>PC-119 (2705300068)                      Sampled on 05/29/07 06:00</b>								
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	8640	ug/l	800	200
06/04/07	06/04/07 11:30	370884	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	4330	mg/l	10	1
<b>PC-120 (2705300069)                      Sampled on 05/29/07 06:00</b>								
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	2020	ug/l	400	100
06/04/07	06/04/07 11:30	370884	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	2960	mg/l	10	1



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Tronox LLC - Henderson  
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>PC-121 (2705300070)</b>					<b>Sampled on 05/29/07 06:00</b>			
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	1520	ug/l	400	100
06/04/07	06/04/07 11:30	370884	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	2780	mg/l	10	1
<b>PC-133 (2705300071)</b>					<b>Sampled on 05/29/07 06:00</b>			
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	6060	ug/l	400	100
06/04/07	06/04/07 11:30	370884	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	3920	mg/l	10	1
<b>ART-9 (2705300072)</b>					<b>Sampled on 05/29/07 05:30</b>			
	05/31/07 00:00	370164	( EPA 314 )	Perchlorate	322000	ug/l	20000	5000
06/04/07	06/04/07 11:30	370884	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7990	mg/l	10	1



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Laboratory  
 QC Summary  
 #206012

Tronox LLC - Henderson

QC Ref #369724 - Perchlorate

Analysis Date: 05/30/2007

2705300054	ART-1	Analyzed by: raja
2705300056	ART-2	Analyzed by: raja
2705300057	ART-3	Analyzed by: raja
2705300058	ART-4	Analyzed by: raja

QC Ref #370164 - Perchlorate

Analysis Date: 05/31/2007

2705300059	ART-6	Analyzed by: raja
2705300060	ART-7	Analyzed by: raja
2705300061	ART-8	Analyzed by: raja
2705300062	PC-99R2/R3	Analyzed by: raja
2705300063	PC-115R	Analyzed by: raja
2705300064	PC-116R	Analyzed by: raja
2705300065	SF-1	Analyzed by: raja
2705300066	PC-117	Analyzed by: raja
2705300067	PC-118	Analyzed by: raja
2705300068	PC-119	Analyzed by: raja
2705300069	PC-120	Analyzed by: raja
2705300070	PC-121	Analyzed by: raja
2705300071	PC-133	Analyzed by: raja
2705300072	ART-9	Analyzed by: raja

QC Ref #370534 - Total Dissolved Solid (TDS)

Analysis Date: 05/31/2007

2705300054	ART-1	Analyzed by: lmr
2705300056	ART-2	Analyzed by: lmr
2705300057	ART-3	Analyzed by: lmr
2705300058	ART-4	Analyzed by: lmr
2705300059	ART-6	Analyzed by: lmr
2705300060	ART-7	Analyzed by: lmr

QC Ref #370884 - Total Dissolved Solid (TDS)

Analysis Date: 06/04/2007

2705300061	ART-8	Analyzed by: yvette
2705300062	PC-99R2/R3	Analyzed by: yvette
2705300063	PC-115R	Analyzed by: yvette
2705300064	PC-116R	Analyzed by: yvette
2705300065	SF-1	Analyzed by: yvette
2705300066	PC-117	Analyzed by: yvette
2705300067	PC-118	Analyzed by: yvette



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Laboratory  
QC Summary  
#206012

Tronox LLC - Henderson  
(continued)

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2705300068	PC-119	Analyzed by: yvette
2705300069	PC-120	Analyzed by: yvette
2705300070	PC-121	Analyzed by: yvette
2705300071	PC-133	Analyzed by: yvette
2705300072	ART-9	Analyzed by: yvette



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Laboratory  
QC Report  
#206012

Tronox LLC - Henderson

## QC Ref #369724

## Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05240303	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	26.5	UGL	106.0	( 85-115 )	
LCS2	Perchlorate	25.0	27.1	UGL	108.4	( 85-115 )	
LCS3	Perchlorate	4	4.10	UGL	102.5	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.4	UGL	97.6	( 80-120 )	
MSD	Perchlorate	25.0	25.3	UGL	101.2	( 80-120 )	
RPD_LCS	Perchlorate	106.000	108.400	UGL	2.2	( 0-15 )	
RPD_MS	Perchlorate	97.600	101.200	UGL	1.0	( 0-15 )	

## QC Ref #370164

## Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05300061	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	26.8	UGL	107.2	( 85-115 )	
LCS2	Perchlorate	25.0	25.1	UGL	100.4	( 85-115 )	
LCS3	Perchlorate	4	4.66	UGL	116.5	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.3	UGL	97.2	( 80-120 )	
MSD	Perchlorate	25.0	26.1	UGL	104.4	( 80-120 )	
RPD_LCS	Perchlorate	107.200	100.400	UGL	6.6	( 0-15 )	
RPD_MS	Perchlorate	97.200	104.400	UGL	1.1	( 0-15 )	

## QC Ref #370534

## Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05290524	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	524	500	MGL		( 0-10 )	4.7
LCS1	Total Dissolved Solid (TDS)	175	188	MGL	107.4	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	690	MGL	98.6	( 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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MRL_CHK	Total Dissolved Solid (TDS)	10.0	13	MGL	130.0	( 50-150 )
RPD_LCS	Total Dissolved Solid (TDS)	107.429	98.571	MGL	8.6	( 0-20 )

QC Ref #370884      Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05300061	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	9740	10100	MGL		( 0-10 )	3.6
LCS1	Total Dissolved Solid (TDS)	175	184	MGL	105.1	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	712	MGL	101.7	( 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)	105.143	101.714	MGL	3.3	( 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.