



MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Menlo Park, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

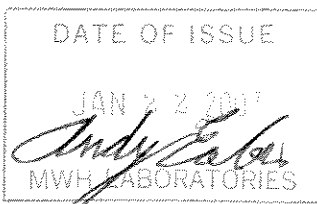
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 192766
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].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

192766

750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 386-1100 (800) 566-5227

MWLABS USE ONLY:

LOGIN COMMENTS: 1 WEEK

SAMPLES CHECKED/LOGGED IN BY: [Signature]

SAMPLE TEMP, RECEIPT AT LAB: [Signature]

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 Collection Wells Fields - Weekly - SO #12373		Tronox LLC - Henderson Plant 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	GRAB	COMP	SAMPLER COMMENTS
0530	1/8/07		ART-1	RSW	X		SBO - 12373 & 18787
0530	1/8/07		ART-2	RSW	X		Please Rush Results
0530	1/8/07		ART-3	RSW	X		
0530	1/8/07		ART-4	RSW	X		
0530	1/8/07		ART-5	RSW	X		
0530	1/8/07		ART-6	RSW	X		
0530	1/8/07		ART-7	RSW	X		
0530	1/8/07		ART-8	RSW	X		
0600	1/8/07		PC-99R2/R3	RSW	X		
0600	1/8/07		PC-115R	RSW	X		
0600	1/8/07		PC-116R	RSW	X		
0600	1/8/07		Seep Surface Flow	RSW	X		

* MATRIX TYPES:

Reported by Volume:
CFW = Chloraminated 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: <u>Michele Brown</u>	SIGNATURE	COMPANY/TITLE	DATE	TIME
RECEIVED BY: <u>Joe Sanchez</u>	PRINT NAME	Vecilia Water for Tronox LLC - Henderson Plant	1/8/2007	1200pm
RELINQUISHED BY:		MWH	1-9-07	10:00
RECEIVED BY:				

[Signature]



MONTGOMERY WATSON LABORATORIES CHAIN OF CUSTODY RECORD

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: JB

SAMPLE TEMP, RECEIPT AT LAB: 2

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		Collection Wells Fields - Monthly - SO#12373		Total Cl ₂		TDS		CR	
Sampler Signature: <i>Michele Brown</i> Susan Crowley (702) 651-2200		Tronox LLC - Henderson Plant LLC PO Box 55 Henderson, NV 89009		MATRIX		GRAB		COMP	
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	RSW	GRW	FW	SW	Other	Notes
6:00	1/8/07		SF-1	X					
6:00	1/8/07		PC-117	X					
6:00	1/8/07		PC-118	X					
6:00	1/8/07		PC-119	X					
6:00	1/8/07		PC-120	X					
6:00	1/8/07		PC-121	X					
6:00	1/8/07		PC-133	X					
5:30	1/8/07		ART-9	X					

* MATRIX TYPES:

Reported by Volume:
CFW = Chlor(aminated) Finished Water
FW = Other Finished Water

Reported by Weight:
SO = Soil
SL = Sludge

RGW = Raw Ground Water
RSW = Raw Surface Water
CWW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

RELINQUISHED BY: <i>Michele Brown</i>	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY: <i>Joe Sanchez</i>		Michele Brown	Vecilia Water for Tronox LLC - Henderson Plant	1/8/2007	1200pm
RELINQUISHED BY:		<i>JOE SANCHEZ</i>	<i>MWLA</i>	<i>1-9-07</i>	<i>10:30</i>
RECEIVED BY:					





MWH Laboratories, a Division of MWH Americas, Inc.
 750 Royal Oaks Avenue Suite 100
 Monterey CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Kerr McGee Chemical Company - Henderson Page 1 of 31223

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

Client Code KERRMCGEE-MP

Project Code CLO4

PO# / Job# GWREMEDICATION

Blanket PO

SO# 31223 12373 RS

Sampler: Please Return this Paper with your samples

Created by

Order Date

07/17/06

Date Needed
by Client

Ship Sample Kits to

Kerr McGee-Veolia Water

Gate 1

8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to

Kerr McGee Henderson Plant

P.O. Box 55

Henderson, NV 89009

Billing Address

KMCLLC

attn: Contract 304280

P.O. Box 3049

Livonia, MI 48150

Date Samples
to Arrive at MWL

ATTN: Susan Crowley

PHONE: 702-651-2234

ATTN: Susan Crowley

PHONE: 702-651-2234

SHIP LOCATION

FAX: 702-651-2310

Quote#

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

ActiveCode

Date Shipped

Carrier

Qty of Coolers

Tracking Number

Prepared By

SCANNED

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#: 192766
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **01/09/07**. 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
2701090112	ART-1	CLO4 TDS	Water	08-jan-2007 05:30:00
2701090113	ART-2	CLO4 TDS	Water	08-jan-2007 05:30:00
2701090114	ART-3	CLO4 TDS	Water	08-jan-2007 05:30:00
2701090115	ART-4	CLO4 TDS	Water	08-jan-2007 05:30:00
2701090116	ART-5	CLO4 TDS	Water	08-jan-2007 05:30:00
2701090117	ART-6	CLO4 TDS	Water	08-jan-2007 05:30:00
2701090118	ART-7	CLO4 TDS	Water	08-jan-2007 05:30:00
2701090119	ART-8	CLO4 TDS	Water	08-jan-2007 05:30:00
2701090120	PC-99R2/R3	CLO4 TDS	Water	08-jan-2007 06:00:00
2701090121	PC-115R	CLO4 TDS	Water	08-jan-2007 06:00:00
2701090122	PC-116R	CLO4 TDS	Water	08-jan-2007 06:00:00
2701090123	SEEP SURFACE FLOW	CLO4 TDS	Water	08-jan-2007 06:00:00
2701090124	SF-1	CLO4 TDS	Water	08-jan-2007 06:00:00
2701090125	PC-117	CLO4 TDS	Water	08-jan-2007 06:00:00
2701090126	PC-118	CLO4 TDS	Water	08-jan-2007 06:00:00
2701090127	PC-119	CLO4 TDS	Water	08-jan-2007 06:00:00
2701090128	PC-120	CLO4 TDS	Water	08-jan-2007 06:00:00

Tronox LLC - Henderson
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 Group#: 192766
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2701090129	PC-121	CLO4 TDS	Water	08-jan-2007 06:00:00
2701090130	PC-133	CLO4 TDS	Water	08-jan-2007 06:00:00
2701090131	ART-9	CLO4 TDS	Water	08-jan-2007 05:30:00

Test Acronym Description

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



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Report
Comments
#192766

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
#192766

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

Samples Received
09-jan-2007 13:36:29

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701090112	ART-1				
01/18/07	Perchlorate		7610		ug/l	2000
01/10/07	Total Dissolved Solid (TDS)		6840	500	mg/l	10
	2701090113	ART-2				
01/12/07	Perchlorate		125000		ug/l	20000
01/10/07	Total Dissolved Solid (TDS)		9930	500	mg/l	10
	2701090114	ART-3				
01/12/07	Perchlorate		448000		ug/l	40000
01/10/07	Total Dissolved Solid (TDS)		8540	500	mg/l	10
	2701090115	ART-4				
01/12/07	Perchlorate		419000		ug/l	40000
01/10/07	Total Dissolved Solid (TDS)		6600	500	mg/l	10
	2701090116	ART-5				
01/12/07	Perchlorate		111000		ug/l	20000
01/10/07	Total Dissolved Solid (TDS)		7730	500	mg/l	10
	2701090117	ART-6				
01/12/07	Perchlorate		99200		ug/l	20000
01/10/07	Total Dissolved Solid (TDS)		7620	500	mg/l	10
	2701090118	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#192766

Tronox LLC - Henderson
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Henderson , NV 89009

Samples Received
09-jan-2007 13:36:29

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701090118	ART-7				
01/12/07	Perchlorate		165000		ug/l	20000
01/10/07	Total Dissolved Solid (TDS)		9700	500	mg/l	10
	2701090119	ART-8				
01/12/07	Perchlorate		346000		ug/l	40000
01/10/07	Total Dissolved Solid (TDS)		9700	500	mg/l	10
	2701090120	PC-99R2/R3				
01/12/07	Perchlorate		16000		ug/l	2000
01/10/07	Total Dissolved Solid (TDS)		4050	500	mg/l	10
	2701090121	PC-115R				
01/12/07	Perchlorate		16100		ug/l	2000
01/10/07	Total Dissolved Solid (TDS)		3980	500	mg/l	10
	2701090122	PC-116R				
01/12/07	Perchlorate		13100		ug/l	2000
01/10/07	Total Dissolved Solid (TDS)		4940	500	mg/l	10
	2701090123	SEEP SURFACE FLOW				
01/12/07	Perchlorate		4470		ug/l	400
01/10/07	Total Dissolved Solid (TDS)		3570	500	mg/l	10
	2701090124	SF-1				

SUMMARY OF POSITIVE DATA ONLY.



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Samples Received
 09-jan-2007 13:36:29

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701090124	SF-1				
01/10/07	Total Dissolved Solid (TDS)		6930	500	mg/l	10
	2701090125	PC-117				
01/12/07	Perchlorate		9330		ug/l	2000
01/10/07	Total Dissolved Solid (TDS)		4620	500	mg/l	10
	2701090126	PC-118				
01/12/07	Perchlorate		15200		ug/l	2000
01/10/07	Total Dissolved Solid (TDS)		4420	500	mg/l	10
	2701090127	PC-119				
01/12/07	Perchlorate		11600		ug/l	2000
01/10/07	Total Dissolved Solid (TDS)		4160	500	mg/l	10
	2701090128	PC-120				
01/12/07	Perchlorate		6760		ug/l	400
01/10/07	Total Dissolved Solid (TDS)		3680	500	mg/l	10
	2701090129	PC-121				
01/12/07	Perchlorate		3240		ug/l	400
01/10/07	Total Dissolved Solid (TDS)		3090	500	mg/l	10
	2701090130	PC-133				
01/13/07	Perchlorate		9370		ug/l	2000

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Susan Crowley
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Samples Received
09-jan-2007 13:36:29

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2701090130	PC-133				
01/10/07	Total Dissolved Solid (TDS)		4480	500	mg/l	10
	2701090131	ART-9				
01/12/07	Perchlorate		350000		ug/l	20000
01/10/07	Total Dissolved Solid (TDS)		7630	500	mg/l	10



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Data Report
#192766

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

Samples Received
01/09/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2701090112) Sampled on 01/08/07 05:30								
	01/18/07 00:00	348669	(EPA 314	) Perchlorate	7610	ug/l	2000	500
01/10/07	01/10/07 15:53	348133	(SM 2540C	) Total Dissolved Solid (TDS)	6840	mg/l	10	1
ART-2 (2701090113) Sampled on 01/08/07 05:30								
	01/12/07 00:00	348174	(EPA 314	) Perchlorate	125000	ug/l	20000	5000
01/10/07	01/10/07 15:53	348133	(SM 2540C	) Total Dissolved Solid (TDS)	9930	mg/l	10	1
ART-3 (2701090114) Sampled on 01/08/07 05:30								
	01/12/07 00:00	348174	(EPA 314	) Perchlorate	448000	ug/l	40000	10000
01/10/07	01/10/07 15:53	348133	(SM 2540C	) Total Dissolved Solid (TDS)	8540	mg/l	10	1
ART-4 (2701090115) Sampled on 01/08/07 05:30								
	01/12/07 00:00	348174	(EPA 314	) Perchlorate	419000	ug/l	40000	10000
01/10/07	01/10/07 15:53	348133	(SM 2540C	) Total Dissolved Solid (TDS)	6600	mg/l	10	1
ART-5 (2701090116) Sampled on 01/08/07 05:30								
	01/12/07 00:00	348174	(EPA 314	) Perchlorate	111000	ug/l	20000	5000
01/10/07	01/10/07 15:53	348133	(SM 2540C	) Total Dissolved Solid (TDS)	7730	mg/l	10	1
ART-6 (2701090117) Sampled on 01/08/07 05:30								
	01/12/07 00:00	348174	(EPA 314	) Perchlorate	99200	ug/l	20000	5000
01/10/07	01/10/07 15:53	348133	(SM 2540C	) Total Dissolved Solid (TDS)	7620	mg/l	10	1
ART-7 (2701090118) Sampled on 01/08/07 05:30								
	01/12/07 00:00	348174	(EPA 314	) Perchlorate	165000	ug/l	20000	5000
01/10/07	01/10/07 15:53	348133	(SM 2540C) Total Dissolved Solid (TDS)	9700	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2701090119) Sampled on 01/08/07 05:30								
	01/12/07 00:00	348174	(EPA 314)	Perchlorate	346000	ug/l	40000	10000
01/10/07	01/10/07 15:53	348133	(SM 2540C)	Total Dissolved Solid (TDS)	9700	mg/l	10	1
PC-99R2/R3 (2701090120) Sampled on 01/08/07 06:00								
	01/12/07 00:00	348174	(EPA 314)	Perchlorate	16000	ug/l	2000	500
01/10/07	01/10/07 15:53	348133	(SM 2540C)	Total Dissolved Solid (TDS)	4050	mg/l	10	1
PC-115R (2701090121) Sampled on 01/08/07 06:00								
	01/12/07 00:00	348174	(EPA 314)	Perchlorate	16100	ug/l	2000	500
01/10/07	01/10/07 15:53	348133	(SM 2540C)	Total Dissolved Solid (TDS)	3980	mg/l	10	1
PC-116R (2701090122) Sampled on 01/08/07 06:00								
	01/12/07 00:00	348174	(EPA 314)	Perchlorate	13100	ug/l	2000	500
01/10/07	01/10/07 15:53	348133	(SM 2540C)	Total Dissolved Solid (TDS)	4940	mg/l	10	1
SEEP SURFACE FLOW (2701090123) Sampled on 01/08/07 06:00								
	01/12/07 00:00	348174	(EPA 314)	Perchlorate	4470	ug/l	400	100
01/10/07	01/10/07 15:53	348133	(SM 2540C)	Total Dissolved Solid (TDS)	3570	mg/l	10	1
SF-1 (2701090124) Sampled on 01/08/07 06:00								
	01/12/07 00:00	348174	(EPA 314)	Perchlorate	ND	ug/l	10	5
01/10/07	01/10/07 15:53	348133	(SM 2540C)	Total Dissolved Solid (TDS)	6930	mg/l	10	1
PC-117 (2701090125) Sampled on 01/08/07 06:00								
	01/12/07 00:00	348174	(EPA 314)	Perchlorate	9330	ug/l	2000	500
01/10/07	01/10/07 15:53	348133	(SM 2540C)	Total Dissolved Solid (TDS)	4620	mg/l	10	1
PC-118 (2701090126) Sampled on 01/08/07 06:00								
	01/12/07 00:00	348174	(EPA 314)	Perchlorate	15200	ug/l	2000	500
01/10/07	01/10/07 15:53	348133	(SM 2540C)	Total Dissolved Solid (TDS)	4420	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-119 (2701090127) Sampled on 01/08/07 06:00								
	01/12/07 00:00	348174	(EPA 314)	Perchlorate	11600	ug/l	2000	500
01/10/07	01/10/07 15:53	348133	(SM 2540C)	Total Dissolved Solid (TDS)	4160	mg/l	10	1
PC-120 (2701090128) Sampled on 01/08/07 06:00								
	01/12/07 00:00	348174	(EPA 314)	Perchlorate	6760	ug/l	400	100
01/10/07	01/10/07 15:53	348133	(SM 2540C)	Total Dissolved Solid (TDS)	3680	mg/l	10	1
PC-121 (2701090129) Sampled on 01/08/07 06:00								
	01/12/07 00:00	348174	(EPA 314)	Perchlorate	3240	ug/l	400	100
01/10/07	01/10/07 15:53	348133	(SM 2540C)	Total Dissolved Solid (TDS)	3090	mg/l	10	1
PC-133 (2701090130) Sampled on 01/08/07 06:00								
	01/13/07 00:00	348175	(EPA 314)	Perchlorate	9370	ug/l	2000	500
01/10/07	01/10/07 16:43	348147	(SM 2540C)	Total Dissolved Solid (TDS)	4480	mg/l	10	1
ART-9 (2701090131) Sampled on 01/08/07 05:30								
	01/12/07 00:00	348174	(EPA 314)	Perchlorate	350000	ug/l	20000	5000
01/10/07	01/10/07 15:53	348133	(SM 2540C)	Total Dissolved Solid (TDS)	7630	mg/l	10	1



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Laboratory
QC Summary
#192766

Tronox LLC - Henderson

QC Ref #348133 - Total Dissolved Solid (TDS) Analysis Date: 01/10/2007

2701090112	ART-1	Analyzed by: anh
2701090113	ART-2	Analyzed by: anh
2701090114	ART-3	Analyzed by: anh
2701090115	ART-4	Analyzed by: anh
2701090116	ART-5	Analyzed by: anh
2701090117	ART-6	Analyzed by: anh
2701090118	ART-7	Analyzed by: anh
2701090119	ART-8	Analyzed by: anh
2701090120	PC-99R2/R3	Analyzed by: anh
2701090121	PC-115R	Analyzed by: anh
2701090122	PC-116R	Analyzed by: anh
2701090123	SEEP SURFACE FLOW	Analyzed by: anh
2701090124	SF-1	Analyzed by: anh
2701090125	PC-117	Analyzed by: anh
2701090126	PC-118	Analyzed by: anh
2701090127	PC-119	Analyzed by: anh
2701090128	PC-120	Analyzed by: anh
2701090129	PC-121	Analyzed by: anh
2701090131	ART-9	Analyzed by: anh

QC Ref #348147 - Total Dissolved Solid (TDS) Analysis Date: 01/10/2007

2701090130	PC-133	Analyzed by: anh
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QC Ref #348174 - Perchlorate Analysis Date: 01/12/2007

2701090113	ART-2	Analyzed by: raja
2701090114	ART-3	Analyzed by: raja
2701090115	ART-4	Analyzed by: raja
2701090116	ART-5	Analyzed by: raja
2701090117	ART-6	Analyzed by: raja
2701090118	ART-7	Analyzed by: raja
2701090119	ART-8	Analyzed by: raja
2701090120	PC-99R2/R3	Analyzed by: raja
2701090121	PC-115R	Analyzed by: raja
2701090122	PC-116R	Analyzed by: raja
2701090123	SEEP SURFACE FLOW	Analyzed by: raja
2701090124	SF-1	Analyzed by: raja
2701090125	PC-117	Analyzed by: raja
2701090126	PC-118	Analyzed by: raja
2701090127	PC-119	Analyzed by: raja



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Laboratory
QC Summary
#192766

Tronox LLC - Henderson
(continued)

2701090128	PC-120	Analyzed by: raja
2701090129	PC-121	Analyzed by: raja
2701090131	ART-9	Analyzed by: raja

QC Ref #348175 - Perchlorate

Analysis Date: 01/13/2007

2701090130	PC-133	Analyzed by: raja
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QC Ref #348669 - Perchlorate

Analysis Date: 01/18/2007

2701090112	ART-1	Analyzed by: raja
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QC Report
#192766

Tronox LLC - Henderson

QC Ref #348133 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	01080241	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	134	126	MGL		(0-10)	6.2
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	678	MGL	96.9	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<u>4</u>	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	98.286	96.857	MGL	1.5	(0-20)	

QC Ref #348147 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	01090130	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	4490	4480	MGL		(0-10)	0.2
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			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	93.714	96.571	MGL	3.0	(0-20)	

QC Ref #348174 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	01090121	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS2	Perchlorate	25.0	27.2	UGL	108.8	(85-115)	
LCS3	Perchlorate	4	4.62	UGL	115.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.7	UGL	94.8	(70-130)	
MSD	Perchlorate	25.0	24.7	UGL	98.8	(70-130)	
RPD_LCS	Perchlorate	105.600	108.800	UGL	3.0	(0-20)	
RPD_MS	Perchlorate	94.800	98.800	UGL	4.1	(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.



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Laboratory
QC Report
#192766

Tronox LLC - Henderson
(continued)

QC Ref #348175

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	01100393	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.0	UGL	100.0	(85-115)	
LCS2	Perchlorate	25.0	25.5	UGL	102.0	(85-115)	
LCS3	Perchlorate	4	4.26	UGL	106.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.0	UGL	100.0	(70-130)	
MSD	Perchlorate	25.0	23.9	UGL	95.6	(70-130)	
RPD_LCS	Perchlorate	100.000	102.000	UGL	2.0	(0-20)	
RPD_MS	Perchlorate	100.000	95.600	UGL	4.5	(0-20)	

QC Ref #348669

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	01090112	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS2	Perchlorate	25.0	25.2	UGL	100.8	(85-115)	
LCS3	Perchlorate	4	4.38	UGL	109.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.0	UGL	96.0	(70-130)	
MSD	Perchlorate	25.0	23.4	UGL	93.6	(70-130)	
RPD_LCS	Perchlorate	100.800	100.800	UGL	0.0	(0-20)	
RPD_MS	Perchlorate	96.000	93.600	UGL	2.5	(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.