



MWH Laboratories

A Division of MWH Americas, Inc.

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

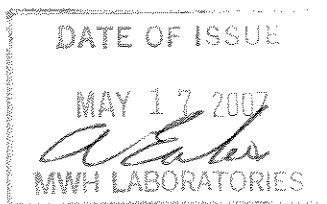
Laboratory Report

for

Tronox LLC Henderson Plant
P.O. Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 203319
Project: CLO4
PO#: SMC-06109901

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 13 page[s].



MWH Laboratories

MONTGOMERY WATSON HARZA

750 Royal Oaks, Suite 100
Monrovia, California 91016
Phone: (626) 386-1100
(800) 566-5227
Fax: (626) 386-1101

CHAIN OF CUSTODY RECORD

MWH LABS USE ONLY

203319

LOGIN COMMENTS: _____

SAMPLES CHECKED AGAINST COC BY: FC

SAMPLES LOGGED IN BY: JS

SAMPLE TEMP WHEN REC'D AT LAB: _____ (Compliance: 4 +/- 2°C)

CONDITION OF BLUE ICE: 65 FROZEN 65 PARTIALLY FROZEN 65 THAWED _____ (check for yes)

TO BE COMPLETED BY SAMPLER

COMPANY, UTILITY or PROJECT: Trox

SYSTEM #: _____

MWH LABS CLIENT CODE: Kerr McGee - NV

P.O. # / JOB # / PROJECT: C104

SAMPLER PRINTED NAME AND SIGNATURE: Zoe Diermer

TAT requested: rush by adv notice only
 1 week 3 day 2 day 1 day

SAMPLE DATE	SAMPLE TIME	SITE NAME OR SAMPLE I.D.	STATION # or LOCATION	MATRIX *			COMP
				GRAB	COMB	COMB	
5-1-07	0745	PC1		RGW	X		
5-1-07	0810	PC2		RGW	X		
5-1-07	—	PC2D		RGW	X		
5-1-07	0945	PC10		RGW	X		
5-1-07	0950	PC10B		RGW	X		
5-1-07	1045	PC12		RGW	X		
5-1-07	1045	PC62		RGW	X		
5-1-07	1135	PC107		RGW	X		
5-1-07	1310	H5W-1		RGW	X		
5-1-07	1340	HMA2		RGW	X		

* MATRIX TYPES: RSW = Raw Surface Water, RGW = Raw Ground Water, CFW = Chlor(am)inated Finished Water, FW = Other Finished Water, CWW = Chlorinated Waste Water, WW = Other Waste Water, BW = Bottled Water, SW = Storm Water, SO = Soil, SL = Sludge

RELINQUISHED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY:	<u>Zoe Diermer</u>	Zoe Diermer	ENSR	5/1/07	1635
RECEIVED BY:	<u>[Signature]</u>				
RECEIVED BY:	<u>[Signature]</u>				
RECEIVED BY:	<u>[Signature]</u>				
RECEIVED BY:	<u>[Signature]</u>				



ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB: MWH Labs

Monrovia, CA 91016

Henkerson, N

(626) 386-1100

SITE

5-1-07

PAGE 2 OF 2

6/01/07

CLIENT		PROJECT NAME:		ANALYTICAL METHODS		TURN-AROUND TIME											
Tronex		CLO4		8260B / 5035 Volatile Organics		STD											
PROJECT MANAGER:		Susan Crowley		8260B BTEX / MTBE / Oxygenates		OBSERVATIONS/ COMMENTS											
JOB #:		04020-023-115		8015 Diesel / Gasoline / Full Range		short hold Time on Nitrate Samples.											
COELT LOG CODE:		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		8081A Pesticides													
SAMPLER SIGNATURE:		<u>[Signature]</u>		CAM 17 Metals													
LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	CLO4	CR6010	TDS	CLO39056	N039056	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	TURN-AROUND TIME
1.	LK3	5-1-07	1450		X				X		X			WP	2		
2.	PC67	5-1-07	1515		X				X		X			WP	3		
3.	PC66	5-1-07	1535		X				X		X			WP	3		
4.	PC66D	5-1-07	-		X				X		X			WP	3		
5.	PC65	5-1-07	1555		X				X		X			WP	3		
6.	EG050107	5-1-07	1610		X				X		X			WP	5		
7.																	
8.																	
9.																	
10.																	

MATRIX S - Soil
TYPE: W - Water
O - Other

CONTAINER G - Glass Bottle
TYPE: P - Plastic
O - Other

PRESERVATIVES:
All samples are preserved on ice.
Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER YES NO

RELINQUISHED BY: [Signature] SIGNATURE
RECEIVED BY: [Signature] SIGNATURE
RECEIVED BY: [Signature] SIGNATURE
RECEIVED BY: [Signature] SIGNATURE

DATE: 5/1/07 TIME: 1625
DATE: DATE
DATE: DATE
DATE: 5-2 TIME: 1:08

TOTAL NUMBER OF CONTAINERS: 19
METHOD OF SHIPMENT: Fed Ex
SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS: SCANNED



MWH Laboratories, a Division of MWH Americas, Inc. **Bottle Order for Kerr, McGee, 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

Client Code KERRMCGEE-NV
 Project Code CLO4
 PO# / Job# SC-1

ProjectName

BO# 40260

Sampler: please return this paper with your samples

Created by AND

Ship Sample Kits to

Send Report to

Order Date 04/23/07
 Date Needed by Client 04/27/07
 Date Samples to Arrive at MWL 05/02/07

Ironox LLC - attn Brian Ho
 8000 West Lake Mead Drive
 Henderson, NV 89015

Kerr, McGee Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

Billing Address

Kerr, McGee Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

ATTN: Susan Crowley/Brian Ho
 PHONE: 702-651-2234

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

UN DOT #

Comments

# of Samples	Tests	Qteline#	Bottles-Qty for each sample, type & preservative if any	UN DOT #	Comments
87	CLO4		1 125ml poly /no preservative		SHIPPING - SEND in 3 ICE CHESTS - NO BLUE ICE. Please be sure coolers have Brian Ho's name on them. ENSR - please be sure COC identifies these to be on the KerrMcGee-NV account 53 bottles for total chromium; 87 bottles for perchlorate & TDS; and 18 bottles for chlorate & nitrate.
53	CR6010		1 125ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	
87	TDS		1 250 ml poly/ no preservative		
18	CLO39056		1 60ml poly+0.60 mL 5% EDA sol'n	UN 1604	
18	NO39056		1 125ml poly/ no preservative SHORT HOLDING TIME!!!!		

Code Status Date Shipped Via Tracking # # of Coolers 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 Plant
 P.O. Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: (702) 651-2234

Customer Code: KERRMCGEE-NV
 PO#: SMC-06109901
 Group#: 203319
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **05/02/07**. 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
2705020799	PC1	CLO4 CR6010	Water P T	01-may-2007 07:45:00 TDS
2705020800	PC2	CLO39056 CLO4	Water CR6010	01-may-2007 08:10:00 NO39056 P T
2705020801	PC2D	CLO39056 CLO4	Water CR6010	01-may-2007 00:00:00 NO39056 P T
2705020802	PC108	CLO4	Water	01-may-2007 09:50:00 TDS
2705020803	PC62	CLO4	Water	01-may-2007 10:45:00 TDS
2705020804	PC107	CLO4	Water	01-may-2007 11:35:00 TDS
2705020806	HSW-1	CLO4	Water	01-may-2007 13:10:00 TDS
2705020807	HM2	CLO4	Water	01-may-2007 13:40:00 TDS
2705020808	LK3	CLO4	Water	01-may-2007 14:50:00 TDS
2705020809	PC67	CLO4	Water	01-may-2007 15:15:00 TDS
2705020810	PC66	CLO4	Water	01-may-2007 15:35:00 TDS
2705020811	PC66D	CLO4	Water	01-may-2007 00:00:00 TDS
2705020812	PC65	CLO4	Water	01-may-2007 15:55:00 TDS
2705020813	EB050107	CLO39056 CLO4	Water CR6010	01-may-2007 16:10:00 NO39056 P T
		TDS		

Test Acronym Description

Test Acronym	Description
--------------	-------------

Tronox LLC Henderson Plant
P.O. Box 55
Henderson, NV 89009
Attn: Susan Crowley
Phone: (702) 651-2234

Customer Code: KERRMCGEE-NV
PO#: SMC-06109901
Group#: 203319
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

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
#203319

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
 #203319

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

Samples Received
 02-may-2007 17:55:43

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705020799	PC1				
05/07/07	Chromium, Total, ICAP		0.066		mg/l	0.020
05/04/07	Metals digestion performed.		Y		Yes/No	
05/09/07	Perchlorate		8760		ug/l	400
05/07/07	Total Dissolved Solid (TDS)		6790	500	mg/l	10
	2705020800	PC2				
05/04/07	Chlorate by IC		19000		ug/l	1000
05/04/07	Metals digestion performed.		Y		Yes/No	
05/02/07	Nitrate as Nitrogen by IC		9.74		mg/l	2.5
05/08/07	Perchlorate		3740		ug/l	400
05/07/07	Total Dissolved Solid (TDS)		6340	500	mg/l	10
	2705020801	PC2D				
05/04/07	Chlorate by IC		18200		ug/l	1000
05/04/07	Metals digestion performed.		Y		Yes/No	
05/03/07	Nitrate as Nitrogen by IC		9.14		mg/l	2.5
05/08/07	Perchlorate		3340		ug/l	400
05/07/07	Total Dissolved Solid (TDS)		6050	500	mg/l	10
	2705020802	PC108				
05/07/07	Total Dissolved Solid (TDS)		2610	500	mg/l	10
	2705020803	PC62				
05/04/07	Metals digestion performed.		Y		Yes/No	
05/08/07	Perchlorate		1740		ug/l	400
05/07/07	Total Dissolved Solid (TDS)		3140	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#203319

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

Samples Received
02-may-2007 17:55:43

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705020803	PC62				
	2705020804	PC107				
05/08/07	Perchlorate		22200		ug/l	2000
05/07/07	Total Dissolved Solid (TDS)		3710	500	mg/l	10
	2705020806	HSW-1				
05/09/07	Perchlorate		3500		ug/l	400
05/07/07	Total Dissolved Solid (TDS)		4920	500	mg/l	10
	2705020807	HM2				
05/09/07	Perchlorate		2810		ug/l	400
05/07/07	Total Dissolved Solid (TDS)		4820	500	mg/l	10
	2705020808	LK3				
05/09/07	Perchlorate		9000		ug/l	400
05/07/07	Total Dissolved Solid (TDS)		9350	500	mg/l	10
	2705020809	PC67				
05/07/07	Chromium, Total, ICAP		0.51		mg/l	0.020
05/04/07	Metals digestion performed.		Y		Yes/No	
05/08/07	Perchlorate		41900		ug/l	2000
05/07/07	Total Dissolved Solid (TDS)		7800	500	mg/l	10
	2705020810	PC66				

SUMMARY OF POSITIVE DATA ONLY.



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 Hits Report
 #203319

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

Samples Received
 02-may-2007 17:55:43

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705020810	PC66				
05/07/07		Chromium, Total, ICAP	4.0		mg/l	0.050
05/04/07		Metals digestion performed.	Y		Yes/No	
05/08/07		Perchlorate	511000		ug/l	40000
05/07/07		Total Dissolved Solid (TDS)	8610	500	mg/l	10
	2705020811	PC66D				
05/07/07		Chromium, Total, ICAP	4.1		mg/l	0.050
05/04/07		Metals digestion performed.	Y		Yes/No	
05/08/07		Perchlorate	443000		ug/l	40000
05/07/07		Total Dissolved Solid (TDS)	8120	500	mg/l	10
	2705020812	PC65				
05/07/07		Chromium, Total, ICAP	3.6		mg/l	0.050
05/04/07		Metals digestion performed.	Y		Yes/No	
05/08/07		Perchlorate	636000		ug/l	40000
05/07/07		Total Dissolved Solid (TDS)	7810	500	mg/l	10
	2705020813	EB050107				
05/07/07		Chlorate by IC	18		ug/l	10
05/04/07		Metals digestion performed.	Y		Yes/No	
05/09/07		Perchlorate	4.1		ug/l	4.0
05/07/07		Total Dissolved Solid (TDS)	10	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Data Report
#203319

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

Samples Received
05/02/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC1 (2705020799)		Sampled on 05/01/07 07:45						
	05/09/07 00:02	365907	(EPA 314)	Perchlorate	8760	ug/l	400	100
	05/07/07 00:00	365400	(ML/EPA 6010B)	Chromium, Total, ICAP	0.066	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/07/07	05/07/07 20:01	365725	(SM 2540C)	Total Dissolved Solid (TDS)	6790	mg/l	10	1
PC2 (2705020800)		Sampled on 05/01/07 08:10						
	05/04/07 00:00	364982	(ML/EPA 9056)	Chlorate by IC	19000	ug/l	1000	100
	05/08/07 00:01	365687	(EPA 314)	Perchlorate	3740	ug/l	400	100
	05/07/07 00:00	365400	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/02/07 16:47	365355	(ML/EPA 9056)	Nitrate as Nitrogen by IC	9.74	mg/l	2.5	25
05/07/07	05/07/07 20:01	365725	(SM 2540C)	Total Dissolved Solid (TDS)	6340	mg/l	10	1
PC2D (2705020801)		Sampled on 05/01/07 00:00						
	05/04/07 00:00	364982	(ML/EPA 9056)	Chlorate by IC	18200	ug/l	1000	100
	05/08/07 00:01	365687	(EPA 314)	Perchlorate	3340	ug/l	400	100
	05/07/07 00:00	365400	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/03/07 00:00	365433	(ML/EPA 9056)	Nitrate as Nitrogen by IC	9.14	mg/l	2.5	25
05/07/07	05/07/07 20:01	365725	(SM 2540C)	Total Dissolved Solid (TDS)	6050	mg/l	10	1
PC108 (2705020802)		Sampled on 05/01/07 09:50						
	05/09/07 00:02	365907	(EPA 314)	Perchlorate	ND	ug/l	10	5
05/07/07	05/07/07 20:01	365725	(SM 2540C)	Total Dissolved Solid (TDS)	2610	mg/l	10	1
PC62 (2705020803)		Sampled on 05/01/07 10:45						
	05/08/07 00:01	365687	(EPA 314)	Perchlorate	1740	ug/l	400	100
	05/07/07 00:00	365400	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/07/07	05/07/07 20:01	365725	(SM 2540C)	Total Dissolved Solid (TDS)	3140	mg/l	10	1



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Laboratory
 Data Report
 #203319

Tronox LLC Henderson Plant
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC107 (2705020804) Sampled on 05/01/07 11:35								
	05/08/07 00:01	365687	(EPA 314	) Perchlorate	22200	ug/l	2000	500
05/07/07	05/07/07 20:01	365725	(SM 2540C	) Total Dissolved Solid (TDS)	3710	mg/l	10	1
HSW-1 (2705020806) Sampled on 05/01/07 13:10								
	05/09/07 00:02	365907	(EPA 314	) Perchlorate	3500	ug/l	400	100
05/07/07	05/07/07 20:01	365725	(SM 2540C	) Total Dissolved Solid (TDS)	4920	mg/l	10	1
HM2 (2705020807) Sampled on 05/01/07 13:40								
	05/09/07 00:02	365907	(EPA 314	) Perchlorate	2810	ug/l	400	100
05/07/07	05/07/07 20:01	365725	(SM 2540C	) Total Dissolved Solid (TDS)	4820	mg/l	10	1
LK3 (2705020808) Sampled on 05/01/07 14:50								
	05/09/07 00:02	365907	(EPA 314	) Perchlorate	9000	ug/l	400	100
05/07/07	05/07/07 20:01	365725	(SM 2540C	) Total Dissolved Solid (TDS)	9350	mg/l	10	1
PC67 (2705020809) Sampled on 05/01/07 15:15								
	05/08/07 00:01	365687	(EPA 314	) Perchlorate	41900	ug/l	2000	500
	05/07/07 00:00	365400	(ML/EPA 6010B	) Chromium, Total, ICAP	0.51	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
05/07/07	05/07/07 20:01	365725	(SM 2540C	) Total Dissolved Solid (TDS)	7800	mg/l	10	1
PC66 (2705020810) Sampled on 05/01/07 15:35								
	05/08/07 00:02	365691	(EPA 314	) Perchlorate	511000	ug/l	40000	10000
	05/07/07 00:00	365400	(ML/EPA 6010B	) Chromium, Total, ICAP	4.0	mg/l	0.050	5
	05/04/07 16:42		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
05/07/07	05/07/07 20:01	365725	(SM 2540C	) Total Dissolved Solid (TDS)	8610	mg/l	10	1
PC66D (2705020811) Sampled on 05/01/07 00:00								
	05/08/07 00:02	365691	(EPA 314	) Perchlorate	443000	ug/l	40000	10000
	05/07/07 00:00	365400	(ML/EPA 6010B	) Chromium, Total, ICAP	4.1	mg/l	0.050	5
	05/04/07 16:42		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
05/07/07	05/07/07 20:01	365725	(SM 2540C) Total Dissolved Solid (TDS)	8120	mg/l	10	1



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Laboratory
Data Report
#203319

Tronox LLC Henderson Plant
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC65 (2705020812)		Sampled on 05/01/07 15:55						
	05/08/07 00:02	365691	(EPA 314	) Perchlorate	636000	ug/l	40000	10000
	05/07/07 00:00	365400	(ML/EPA 6010B	) Chromium, Total, ICAP	3.6	mg/l	0.050	5
	05/04/07 16:42		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
05/07/07	05/07/07 20:01	365725	(SM 2540C	) Total Dissolved Solid (TDS)	7810	mg/l	10	1
EB050107 (2705020813)		Sampled on 05/01/07 16:10						
	05/07/07 00:00	365697	(ML/EPA 9056	) Chlorate by IC	18	ug/l	10	1
	05/09/07 00:00	365693	(EPA 314	) Perchlorate	4.1	ug/l	4.0	1
	05/07/07 00:00	365400	(ML/EPA 6010B	) Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/04/07 16:42		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/02/07 15:39	365355	(ML/EPA 9056) Nitrate as Nitrogen by IC	ND	mg/l	0.050	1
05/07/07	05/07/07 20:01	365725	(SM 2540C) Total Dissolved Solid (TDS)	10	mg/l	10	1



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Laboratory
QC Summary
#203319

Tronox LLC Henderson Plant

QC Ref #364982 - Chlorate by IC Analysis Date: 05/04/2007

2705020800	PC2	Analyzed by: raja
2705020801	PC2D	Analyzed by: raja

QC Ref #365355 - Nitrate as Nitrogen by IC Analysis Date: 05/02/2007

2705020800	PC2	Analyzed by: jkz
2705020813	EB050107	Analyzed by: jkz

QC Ref #365400 - Chromium, Total, ICAP Analysis Date: 05/07/2007

2705020799	PC1	Analyzed by: wbh
2705020800	PC2	Analyzed by: wbh
2705020801	PC2D	Analyzed by: wbh
2705020803	PC62	Analyzed by: wbh
2705020809	PC67	Analyzed by: wbh
2705020810	PC66	Analyzed by: wbh
2705020811	PC66D	Analyzed by: wbh
2705020812	PC65	Analyzed by: wbh
2705020813	EB050107	Analyzed by: wbh

QC Ref #365433 - Nitrate as Nitrogen by IC Analysis Date: 05/03/2007

2705020801	PC2D	Analyzed by: jkz
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QC Ref #365687 - Perchlorate Analysis Date: 05/08/2007

2705020800	PC2	Analyzed by: raja
2705020801	PC2D	Analyzed by: raja
2705020803	PC62	Analyzed by: raja
2705020804	PC107	Analyzed by: raja
2705020809	PC67	Analyzed by: raja

QC Ref #365691 - Perchlorate Analysis Date: 05/08/2007

2705020810	PC66	Analyzed by: raja
2705020811	PC66D	Analyzed by: raja
2705020812	PC65	Analyzed by: raja



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Tronox LLC Henderson Plant
(continued)

QC Ref #365693 - Perchlorate

Analysis Date: 05/09/2007

2705020813 EB050107

Analyzed by: raja

QC Ref #365697 - Chlorate by IC

Analysis Date: 05/07/2007

2705020813 EB050107

Analyzed by: raja

QC Ref #365725 - Total Dissolved Solid (TDS)

Analysis Date: 05/07/2007

2705020799 PC1
2705020800 PC2
2705020801 PC2D
2705020802 PC108
2705020803 PC62
2705020804 PC107
2705020806 HSW-1
2705020807 HM2
2705020808 LK3
2705020809 PC67
2705020810 PC66
2705020811 PC66D
2705020812 PC65
2705020813 EB050107

Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
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Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn
Analyzed by: dtn

QC Ref #365907 - Perchlorate

Analysis Date: 05/09/2007

2705020799 PC1
2705020802 PC108
2705020806 HSW-1
2705020807 HM2
2705020808 LK3

Analyzed by: raja
Analyzed by: raja
Analyzed by: raja
Analyzed by: raja
Analyzed by: raja



Tronox LLC Henderson Plant

QC Ref #364982 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05020877	UGL		(0-0)	
LCS1	Chlorate by IC	200	204	UGL	102.0	(90-110)	
LCS2	Chlorate by IC	200	196	UGL	98.0	(90-110)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.0	9.92	UGL	99.2	(50-150)	
MS	Chlorate by IC	100	92.8	UGL	92.8	(75-125)	
MSD	Chlorate by IC	100	91.9	UGL	91.9	(75-125)	
RPD_LCS	Chlorate by IC	102.000	98.000	UGL	4.0	(0-20)	
RPD_MS	Chlorate by IC	92.800	91.900	UGL	1.0	(0-20)	

QC Ref #365355 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05010189	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.49	MGL	99.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.38	MGL	95.2	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.0479	MGL	95.8	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.21	MGL	96.8	(80-112)	
MSD	Nitrate as Nitrogen by IC	1.25	1.20	MGL	96.0	(80-112)	
RPD_LCS	Nitrate as Nitrogen by IC	99.600	95.200	MGL	4.5	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	96.800	96.000	MGL	0.8	(0-20)	

QC Ref #365400 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05010137	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.963	MGL	96.3	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0104	MGL	104.0	(50-150)	

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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MS	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)
MSD	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	(70-130)

QC Ref #365433 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05020258	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.49	MGL	99.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.41	MGL	96.4	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.0479	MGL	95.8	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.20	MGL	96.0	(80-112)	
MSD	Nitrate as Nitrogen by IC	1.25	1.20	MGL	96.0	(80-112)	
RPD_LCS	Nitrate as Nitrogen by IC	99.600	96.400	MGL	3.3	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	96.000	96.000	MGL	0.0	(0-20)	

QC Ref #365687 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05010745	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS2	Perchlorate	25.0	26.3	UGL	105.2	(85-115)	
LCS3	Perchlorate	4	4.34	UGL	108.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.7	UGL	94.8	(80-120)	
MSD	Perchlorate	25.0	22.9	UGL	91.6	(80-120)	
RPD_LCS	Perchlorate	105.600	105.200	UGL	0.4	(0-15)	
RPD_MS	Perchlorate	94.800	91.600	UGL	1.0	(0-15)	

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Tronox LLC Henderson Plant
(continued)

QC Ref #365691 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05020843	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.3	UGL	97.2	(85-115)	
LCS2	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS3	Perchlorate	4	3.78	UGL	94.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.1	UGL	92.4	(80-120)	
MSD	Perchlorate	25.0	23.0	UGL	92.0	(80-120)	
RPD_LCS	Perchlorate	97.200	97.600	UGL	0.4	(0-15)	
RPD_MS	Perchlorate	92.400	92.000	UGL	1.0	(0-15)	

QC Ref #365693 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05020813	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.0	UGL	96.0	(85-115)	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS3	Perchlorate	4	4.18	UGL	104.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.9	UGL	91.6	(80-120)	
MSD	Perchlorate	25.0	23.4	UGL	93.6	(80-120)	
RPD_LCS	Perchlorate	96.000	102.400	UGL	6.5	(0-15)	
RPD_MS	Perchlorate	91.600	93.600	UGL	1.0	(0-15)	

QC Ref #365697 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05010813	UGL		(0-0)	
LCS1	Chlorate by IC	200	201	UGL	100.5	(90-110)	
LCS2	Chlorate by IC	200	203	UGL	101.5	(90-110)	

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MBLK	Chlorate by IC	ND	<10	UGL		
MRL_CHK	Chlorate by IC	10.0	12.1	UGL	121.0	(50-150)
MS	Chlorate by IC	100	96.3	UGL	96.3	(75-125)
MSD	Chlorate by IC	100	92.8	UGL	92.8	(75-125)
RPD_LCS	Chlorate by IC	100.500	101.500	UGL	1.0	(0-20)
RPD_MS	Chlorate by IC	96.300	92.800	UGL	3.7	(0-20)

QC Ref #365725 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05020799	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	6790	7070	MGL		(0-10)	4.0
LCS1	Total Dissolved Solid (TDS)	175	184	MGL	105.1	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	672	MGL	96.0	(85-115)	
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)	105.143	96.000	MGL	9.1	(0-20)	

QC Ref #365907 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05020855	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.0	UGL	104.0	(85-115)	
LCS2	Perchlorate	25.0	25.8	UGL	103.2	(85-115)	
LCS3	Perchlorate	4	3.76	UGL	94.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.7	UGL	94.8	(80-120)	
MSD	Perchlorate	25.0	23.8	UGL	95.2	(80-120)	
RPD_LCS	Perchlorate	104.000	103.200	UGL	0.8	(0-15)	
RPD_MS	Perchlorate	94.800	95.200	UGL	1.0	(0-15)	

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