



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)

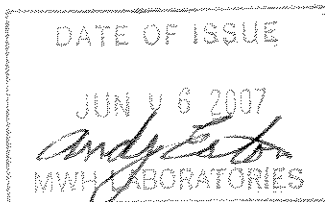
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 203746
Project: CL04
PO#: [23~n 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 16 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

203746

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: 55

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

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

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	GRAB	COMP	CL04	TDS	OR	SAMPLER COMMENTS
0530	5/7/07		ART-1	RSW	X		X	X		SBO - 12373 & 18787
0530	5/7/07		ART-2	RSW	X		X	X		
0530	5/7/07		ART-3	RSW	X		X	X		
0530	5/7/07		ART-4	RSW	X		X	X		
0530	5/7/07		ART-5	RSW	X		X	X		
0530	5/7/07		ART-6	RSW	X		X	X		
0530	5/7/07		ART-7	RSW	X		X	X		
0530	5/7/07		ART-8	RSW	X		X	X		
0600	5/7/07		PC-99R2/R3	RSW	X		X	X		
0600	5/7/07		PC-115R	RSW	X		X	X		
0600	5/7/07		PC-116R	RSW	X		X	X		
0600	5/7/07		Seep Surface Flow	RSW	X		X	X		

* MATRIX TYPES:

Reported by Volume:
 CFW = Chlor(ami)nated 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: Michele Brown SIGNATURE
 RECEIVED BY: Juana
 PRINT NAME: Michele Brown
 COMPANY/TITLE: Veolia Water for Tronox LLC - Henderson Plant
 DATE: 5/7/2007
 TIME: 1200pm
 RECEIVED BY: Eldel Chavez mat
 SCANNED 5-8 10:00



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

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(626) 386-1100 (800) 566-5227

MW LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: TC

SAMPLE TEMP, RECEIPT AT LAB: 5.1

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
 KERRMCGEE-MP Collection Wells Fields - Monthly - SO #12373
 Sampler Signature: Michele Brown Tronox LLC - Henderson Plant LLC
 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)		SAMPLER COMMENTS
DATE	TIME	TESTS	OR	
6:00	5/7/07	X	X	
6:00	5/7/07	X	X	
6:00	5/7/07	X	X	
6:00	5/7/07	X	X	
6:00	5/7/07	X	X	
6:00	5/7/07	X	X	
6:00	5/7/07	X	X	
5:30	5/7/07	X	X	

* MATRIX TYPES:

Reported by Volume:
 CFW = Chlor(amin)ated 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

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY: <u>Michele Brown</u>	Veolia Water for Tronox LLC - Henderson Plant	5/7/2007	1200pm
RECEIVED BY:			
RELINQUISHED BY:			
RECEIVED BY:			

SCANNED

5-8 10:00



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 Kerr McGee Chemical Company - Henderson

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

W Weekly

Period

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

SO# 31223 12373 RS

Sampler: Please Return this Paper with your samples

Created by 0
Order Date 07/17/06
Date Needed by Client
SHIP LOCATION

Ship Sample Kits to
Kerr McGee-Veolia Water
Gate 1
8000 West Lake Mead Drive
Henderson, NV 89015

Billing Address

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

KMCLLC
attn: Contract 304280
P.O. Box 3049
Livonia, MI 48150

ATTN: Susan Crowley
PHONE: 702-651-2234

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

Quote#

of Samples Tests

Bottles-Qty for each sample, type & preservative if any

UN#

Important Comments

30	CLO4, TDS, SHEET OF LABELS WITH WELL-IDS	1	250 ml poly /no preservative see comments section				Per Ed Krish 7-4-06 all samples will be TDS in lieu of EC 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 Status 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#: [23~n Crowley PO
 Group#: 203746
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **05/08/07**. 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
2705080213	ART-1	CLO4 CR	Water	07-may-2007 05:30:00
			P	TDS
2705080214	ART-2	CLO4 CR	Water	07-may-2007 05:30:00
			P	TDS
2705080215	ART-3	CLO4 CR	Water	07-may-2007 05:30:00
			P	TDS
2705080216	ART-4	CLO4 CR	Water	07-may-2007 05:30:00
			P	TDS
2705080217	ART-6	CLO4 CR	Water	07-may-2007 05:30:00
			P	TDS
2705080218	ART-7	CLO4 CR	Water	07-may-2007 05:30:00
			P	TDS
2705080219	ART-8	CLO4 CR	Water	07-may-2007 05:30:00
			P	TDS
2705080220	PC-99R2/R3	CLO4 CR	Water	07-may-2007 06:00:00
			P	TDS
2705080221	PC-115R	CLO4 CR	Water	07-may-2007 06:00:00
			P	TDS
2705080222	PC-116R	CLO4 CR	Water	07-may-2007 06:00:00
			P	TDS
2705080223	SEEP SURFACE FLOW	CLO4 CR	Water	07-may-2007 06:00:00
			P	TDS
2705080224	SF-1	CLO4 CR	Water	07-may-2007 06:00:00
			P	TDS
2705080225	PC-117	CLO4 CR	Water	07-may-2007 06:00:00
			P	TDS
2705080226	PC-118	CLO4 CR	Water	07-may-2007 06:00:00
			P	TDS
2705080227	PC-119	CLO4 CR	Water	07-may-2007 06:00:00
			P	TDS
2705080228	PC-120	CLO4 CR	Water	07-may-2007 06:00:00
			P	TDS
2705080229	PC-121	CLO4 CR	Water	07-may-2007 06:00:00
			P	TDS

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 Phone: 702-651-2234

Customer Code: KERRMCGEE-MP
 PO#: [23~n Crowley PO
 Group#: 203746
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2705080230	PC-133	CLO4 CR	Water P T	07-may-2007 06:00:00 TDS
2705080231	ART-9	CLO4 CR	Water P T	07-may-2007 05:30:00 TDS

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR	Chromium, Total, ICAP
P	Metals sample pH
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)

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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: _____

(QC Ref#: 2705080213)

Test: Total Dissolved Solid (TDS) (SM 2540C)

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

(QC Ref#: 2705080214)

Test: Total Dissolved Solid (TDS) (SM 2540C)

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

(QC Ref#: 2705080215)

Test: Total Dissolved Solid (TDS) (SM 2540C)

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

(QC Ref#: 2705080216)

Test: Total Dissolved Solid (TDS) (SM 2540C)

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

(QC Ref#: 2705080218)

Test: Total Dissolved Solid (TDS) (SM 2540C)

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

(QC Ref#: 2705080219)

Test: Total Dissolved Solid (TDS) (SM 2540C)

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



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Laboratory
 Hits Report
 #203746

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

Samples Received
 08-may-2007 13:18:45

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705080213	ART-1				
05/11/07	Perchlorate		111		ug/l	10
05/31/07	Total Dissolved Solid (TDS)		8270	500	mg/l	10
	2705080214	ART-2				
05/09/07	Chromium, Total, ICAP		0.025		mg/l	0.020
05/10/07	Perchlorate		87100		ug/l	20000
05/31/07	Total Dissolved Solid (TDS)		10600	500	mg/l	10
	2705080215	ART-3				
05/09/07	Chromium, Total, ICAP		0.23		mg/l	0.020
05/10/07	Perchlorate		319000		ug/l	40000
05/31/07	Total Dissolved Solid (TDS)		8830	500	mg/l	10
	2705080216	ART-4				
05/09/07	Chromium, Total, ICAP		0.21		mg/l	0.020
05/10/07	Perchlorate		309000		ug/l	40000
05/31/07	Total Dissolved Solid (TDS)		6550	500	mg/l	10
	2705080217	ART-6				
05/17/07	Chromium, Total, ICAP		0.30		mg/l	0.020
05/16/07	Metals digestion performed.		Y		Yes/No	
05/11/07	Perchlorate		70700		ug/l	20000
05/11/07	Total Dissolved Solid (TDS)		6870	500	mg/l	10
	2705080218	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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Samples Received
 08-may-2007 13:18:45

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705080218	ART-7				
05/09/07		Chromium, Total, ICAP	0.65		mg/l	0.020
05/11/07		Perchlorate	123000		ug/l	20000
05/31/07		Total Dissolved Solid (TDS)	10600	500	mg/l	10
	2705080219	ART-8				
05/09/07		Chromium, Total, ICAP	0.17		mg/l	0.020
05/11/07		Perchlorate	252000		ug/l	40000
05/31/07		Total Dissolved Solid (TDS)	10040	500	mg/l	10
	2705080220	PC-99R2/R3				
05/11/07		Perchlorate	19900		ug/l	2000
05/11/07		Total Dissolved Solid (TDS)	5310	500	mg/l	10
	2705080221	PC-115R				
05/11/07		Perchlorate	16300		ug/l	2000
05/11/07		Total Dissolved Solid (TDS)	5110	500	mg/l	10
	2705080222	PC-116R				
05/11/07		Perchlorate	14200		ug/l	2000
05/11/07		Total Dissolved Solid (TDS)	5320	500	mg/l	10
	2705080223	SEEP SURFACE FLOW				
05/16/07		Metals digestion performed.	Y		Yes/No	
05/11/07		Perchlorate	536		ug/l	200
05/11/07		Total Dissolved Solid (TDS)	3770	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
08-may-2007 13:18:45

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705080223	SEEP SURFACE FLOW				
	2705080224	SF-1				
05/16/07		Metals digestion performed.	Y		Yes/No	
05/11/07		Total Dissolved Solid (TDS)	6550	500	mg/l	10
	2705080225	PC-117				
05/11/07		Perchlorate	4690		ug/l	800
05/11/07		Total Dissolved Solid (TDS)	3910	500	mg/l	10
	2705080226	PC-118				
05/11/07		Perchlorate	10900		ug/l	800
05/11/07		Total Dissolved Solid (TDS)	4360	500	mg/l	10
	2705080227	PC-119				
05/11/07		Perchlorate	6950		ug/l	800
05/11/07		Total Dissolved Solid (TDS)	3880	500	mg/l	10
	2705080228	PC-120				
05/11/07		Perchlorate	1960		ug/l	400
05/11/07		Total Dissolved Solid (TDS)	2800	500	mg/l	10
	2705080229	PC-121				
05/11/07		Perchlorate	1400		ug/l	400
05/11/07		Total Dissolved Solid (TDS)	2750	500	mg/l	10

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Susan Crowley
PO Box 55
Henderson , NV 89009

Samples Received
08-may-2007 13:18:45

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705080229	PC-121				
	2705080230	PC-133				
05/11/07	Perchlorate		6810		ug/l	400
05/11/07	Total Dissolved Solid (TDS)		3880	500	mg/l	10
	2705080231	ART-9				
05/09/07	Chromium, Total, ICAP		1.1		mg/l	0.020
05/11/07	Perchlorate		307000		ug/l	20000
05/11/07	Total Dissolved Solid (TDS)		6890	500	mg/l	10



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Laboratory
Data Report
#203746

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

Samples Received
05/08/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2705080213) Sampled on 05/07/07 05:30								
	05/11/07 00:01	366328	(EPA 314	) Perchlorate	111	ug/l	10	5
	05/09/07 16:47	365822	(ML/EPA 200.7	) Chromium, Total, ICAP	ND	mg/l	0.020	2
05/31/07	05/31/07 11:00	370320	(SM 2540C	) Total Dissolved Solid (TDS)	8270(HA)	mg/l	10	1
ART-2 (2705080214) Sampled on 05/07/07 05:30								
	05/10/07 00:00	366159	(EPA 314	) Perchlorate	87100	ug/l	20000	5000
	05/09/07 17:01	365822	(ML/EPA 200.7	) Chromium, Total, ICAP	0.025	mg/l	0.020	2
05/31/07	05/31/07 11:00	370320	(SM 2540C	) Total Dissolved Solid (TDS)	10600(HA)	mg/l	10	1
ART-3 (2705080215) Sampled on 05/07/07 05:30								
	05/10/07 00:00	366159	(EPA 314	) Perchlorate	319000	ug/l	40000	10000
	05/09/07 16:23	365822	(ML/EPA 200.7	) Chromium, Total, ICAP	0.23	mg/l	0.020	2
05/31/07	05/31/07 11:00	370320	(SM 2540C	) Total Dissolved Solid (TDS)	8830(HA)	mg/l	10	1
ART-4 (2705080216) Sampled on 05/07/07 05:30								
	05/10/07 00:00	366159	(EPA 314	) Perchlorate	309000	ug/l	40000	10000
	05/09/07 15:06	365822	(ML/EPA 200.7	) Chromium, Total, ICAP	0.21	mg/l	0.020	2
05/31/07	05/31/07 11:00	370320	(SM 2540C	) Total Dissolved Solid (TDS)	6550(HA)	mg/l	10	1
ART-6 (2705080217) Sampled on 05/07/07 05:30								
	05/11/07 00:00	366159	(EPA 314	) Perchlorate	70700	ug/l	20000	5000
	05/17/07 23:32	367351	(ML/EPA 200.7	) Chromium, Total, ICAP	0.30	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
05/11/07	05/11/07 23:01	366701	(SM 2540C	) Total Dissolved Solid (TDS)	6870	mg/l	10	1
ART-7 (2705080218) Sampled on 05/07/07 05:30								
	05/11/07 00:00	366159	(EPA 314	) Perchlorate	123000	ug/l	20000	5000
	05/09/07 16:18	365822	(ML/EPA 200.7	) Chromium, Total, ICAP	0.65	mg/l	0.020	2
05/31/07	05/31/07 11:00	370320	(SM 2540C) Total Dissolved Solid (TDS)	10600(HA)	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2705080219) Sampled on 05/07/07 05:30								
	05/11/07 00:00	366159	(EPA 314)	Perchlorate	252000	ug/l	40000	10000
	05/09/07 15:19	365822	(ML/EPA 200.7)	Chromium, Total, ICAP	0.17	mg/l	0.020	2
05/31/07	05/31/07 11:00	370320	(SM 2540C)	Total Dissolved Solid (TDS)	10040(HA)	mg/l	10	1
PC-99R2/R3 (2705080220) Sampled on 05/07/07 06:00								
	05/11/07 00:00	366159	(EPA 314)	Perchlorate	19900	ug/l	2000	500
	05/09/07 16:43	365822	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/11/07	05/11/07 23:01	366701	(SM 2540C)	Total Dissolved Solid (TDS)	5310	mg/l	10	1
PC-115R (2705080221) Sampled on 05/07/07 06:00								
	05/11/07 00:00	366159	(EPA 314)	Perchlorate	16300	ug/l	2000	500
	05/09/07 14:26	365821	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/11/07	05/11/07 23:01	366701	(SM 2540C)	Total Dissolved Solid (TDS)	5110	mg/l	10	1
PC-116R (2705080222) Sampled on 05/07/07 06:00								
	05/11/07 00:00	366159	(EPA 314)	Perchlorate	14200	ug/l	2000	500
	05/09/07 16:56	365822	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/11/07	05/11/07 23:01	366701	(SM 2540C)	Total Dissolved Solid (TDS)	5320	mg/l	10	1
SEEP SURFACE FLOW (2705080223) Sampled on 05/07/07 06:00								
	05/11/07 00:00	366159	(EPA 314)	Perchlorate	536	ug/l	200	50
	05/17/07 23:19	367351	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/11/07	05/11/07 23:01	366701	(SM 2540C)	Total Dissolved Solid (TDS)	3770	mg/l	10	1
SF-1 (2705080224) Sampled on 05/07/07 06:00								
	05/11/07 00:01	366328	(EPA 314)	Perchlorate	ND	ug/l	10	5
	05/17/07 23:24	367351	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/11/07	05/11/07 23:01	366701	(SM 2540C)	Total Dissolved Solid (TDS)	6550	mg/l	10	1



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 #203746

Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-117 (2705080225)				Sampled on 05/07/07 06:00				
	05/11/07 00:00	366159	(EPA 314)	Perchlorate	4690	ug/l	800	200
	05/09/07 16:52	365822	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/11/07	05/11/07 23:02	366704	(SM 2540C)	Total Dissolved Solid (TDS)	3910	mg/l	10	1
PC-118 (2705080226)				Sampled on 05/07/07 06:00				
	05/11/07 00:00	366159	(EPA 314)	Perchlorate	10900	ug/l	800	200
	05/09/07 15:10	365822	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/11/07	05/11/07 23:02	366704	(SM 2540C)	Total Dissolved Solid (TDS)	4360	mg/l	10	1
PC-119 (2705080227)				Sampled on 05/07/07 06:00				
	05/11/07 00:00	366159	(EPA 314)	Perchlorate	6950	ug/l	800	200
	05/09/07 15:24	365822	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/11/07	05/11/07 23:02	366704	(SM 2540C)	Total Dissolved Solid (TDS)	3880	mg/l	10	1
PC-120 (2705080228)				Sampled on 05/07/07 06:00				
	05/11/07 00:00	366159	(EPA 314)	Perchlorate	1960	ug/l	400	100
	05/09/07 15:28	365822	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/11/07	05/11/07 23:02	366704	(SM 2540C)	Total Dissolved Solid (TDS)	2800	mg/l	10	1
PC-121 (2705080229)				Sampled on 05/07/07 06:00				
	05/11/07 00:00	366159	(EPA 314)	Perchlorate	1400	ug/l	400	100
	05/16/07 21:06	367172	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/11/07	05/11/07 23:02	366704	(SM 2540C)	Total Dissolved Solid (TDS)	2750	mg/l	10	1
PC-133 (2705080230)				Sampled on 05/07/07 06:00				
	05/11/07 00:00	366159	(EPA 314)	Perchlorate	6810	ug/l	400	100
	05/09/07 15:01	365822	(ML/EPA 200.7)	Chromium, Total, ICAP	ND	mg/l	0.020	2
05/11/07	05/11/07 23:02	366704	(SM 2540C)	Total Dissolved Solid (TDS)	3880	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-9 (2705080231)				Sampled on 05/07/07 05:30				
	05/11/07 00:00	366159	(EPA 314	) Perchlorate	307000	ug/l	20000	5000
	05/09/07 15:15	365822	(ML/EPA 200.7	) Chromium, Total, ICAP	1.1	mg/l	0.020	2
05/11/07	05/11/07 23:02	366704	(SM 2540C) Total Dissolved Solid (TDS)	6890	mg/l	10	1



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QC Ref #365821 - Chromium, Total, ICAP

Analysis Date: 05/09/2007

2705080221

PC-115R

Analyzed by: wbh

QC Ref #365822 - Chromium, Total, ICAP

Analysis Date: 05/09/2007

2705080213

ART-1

Analyzed by: wbh

2705080214

ART-2

Analyzed by: wbh

2705080215

ART-3

Analyzed by: wbh

2705080216

ART-4

Analyzed by: wbh

2705080218

ART-7

Analyzed by: wbh

2705080219

ART-8

Analyzed by: wbh

2705080220

PC-99R2/R3

Analyzed by: wbh

2705080222

PC-116R

Analyzed by: wbh

2705080225

PC-117

Analyzed by: wbh

2705080226

PC-118

Analyzed by: wbh

2705080227

PC-119

Analyzed by: wbh

2705080228

PC-120

Analyzed by: wbh

2705080230

PC-133

Analyzed by: wbh

2705080231

ART-9

Analyzed by: wbh

QC Ref #366159 - Perchlorate

Analysis Date: 05/10/2007

2705080214

ART-2

Analyzed by: raja

2705080215

ART-3

Analyzed by: raja

2705080216

ART-4

Analyzed by: raja

2705080217

ART-6

Analyzed by: raja

2705080218

ART-7

Analyzed by: raja

2705080219

ART-8

Analyzed by: raja

2705080220

PC-99R2/R3

Analyzed by: raja

2705080221

PC-115R

Analyzed by: raja

2705080222

PC-116R

Analyzed by: raja

2705080223

SEEP SURFACE FLOW

Analyzed by: raja

2705080225

PC-117

Analyzed by: raja

2705080226

PC-118

Analyzed by: raja

2705080227

PC-119

Analyzed by: raja

2705080228

PC-120

Analyzed by: raja

2705080229

PC-121

Analyzed by: raja

2705080230

PC-133

Analyzed by: raja

2705080231

ART-9

Analyzed by: raja



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#203746

Tronox LLC - Henderson
(continued)

QC Ref #366328 - Perchlorate

Analysis Date: 05/11/2007

2705080213
2705080224

ART-1
SF-1

Analyzed by: raja
Analyzed by: raja

QC Ref #366701 - Total Dissolved Solid (TDS)

Analysis Date: 05/11/2007

2705080217
2705080220
2705080221
2705080222
2705080223
2705080224

ART-6
PC-99R2/R3
PC-115R
PC-116R
SEEP SURFACE FLOW
SF-1

Analyzed by: maria
Analyzed by: maria
Analyzed by: maria
Analyzed by: maria
Analyzed by: maria
Analyzed by: maria

QC Ref #366704 - Total Dissolved Solid (TDS)

Analysis Date: 05/11/2007

2705080225
2705080226
2705080227
2705080228
2705080229
2705080230
2705080231

PC-117
PC-118
PC-119
PC-120
PC-121
PC-133
ART-9

Analyzed by: maria
Analyzed by: maria
Analyzed by: maria
Analyzed by: maria
Analyzed by: maria
Analyzed by: maria
Analyzed by: maria

QC Ref #367172 - Chromium, Total, ICAP

Analysis Date: 05/16/2007

2705080229

PC-121

Analyzed by: wbh

QC Ref #367351 - Chromium, Total, ICAP

Analysis Date: 05/17/2007

2705080217
2705080223
2705080224

ART-6
SEEP SURFACE FLOW
SF-1

Analyzed by: wbh
Analyzed by: wbh
Analyzed by: wbh



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QC Summary
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Tronox LLC - Henderson
(continued)

QC Ref #370320 - Total Dissolved Solid (TDS) Analysis Date: 05/31/2007

2705080213	ART-1	Analyzed by: lmr
2705080214	ART-2	Analyzed by: lmr
2705080215	ART-3	Analyzed by: lmr
2705080216	ART-4	Analyzed by: lmr
2705080218	ART-7	Analyzed by: lmr
2705080219	ART-8	Analyzed by: lmr

Tronox LLC - Henderson

QC Ref #365821 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.931	MGL	93.1	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.04	MGL	104.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	0.999	MGL	99.9	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	

QC Ref #365822 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.994	MGL	99.4	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.985	MGL	98.5	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	

QC Ref #366159 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05090654	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.3	UGL	93.2	(85-115)	
LCS2	Perchlorate	25.0	23.1	UGL	92.4	(85-115)	
LCS3	Perchlorate	4	3.36	UGL	84.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.1	UGL	92.4	(80-120)	
MSD	Perchlorate	25.0	23.3	UGL	93.2	(80-120)	

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
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Tronox LLC - Henderson
(continued)

RPD_LCS	Perchlorate	93.200	92.400	UGL	0.9	(0-15)
RPD_MS	Perchlorate	92.400	93.200	UGL	1.0	(0-15)

QC Ref #366328 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05090908	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.8	UGL	103.2	(85-115)	
LCS2	Perchlorate	25.0	26.6	UGL	106.4	(85-115)	
LCS3	Perchlorate	4	4.55	UGL	113.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.9	UGL	95.6	(80-120)	
MSD	Perchlorate	25.0	22.6	UGL	90.4	(80-120)	
RPD_LCS	Perchlorate	103.200	106.400	UGL	3.1	(0-15)	
RPD_MS	Perchlorate	95.600	90.400	UGL	0.9	(0-15)	

QC Ref #366701 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05070054	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	2630	2630	MGL		(0-10)	0.0
LCS1	Total Dissolved Solid (TDS)	175	152	MGL	86.9	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	638	MGL	91.1	(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)	86.857	91.143	MGL	4.8	(0-20)	

QC Ref #366704 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05080225	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	3910	4010	MGL		(0-10)	2.5
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	(80-114)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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are advisory only, unless otherwise specified in the method.

Tronox LLC - Henderson
 (continued)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS2	Total Dissolved Solid (TDS)	700	634	MGL	90.6	(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	90.571	MGL	5.8	(0-20)	

QC Ref #367172 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.975	MGL	97.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.970	MGL	97.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0098	MGL	98.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.958	MGL	95.8	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.983	MGL	98.3	(70-130)	

QC Ref #367351 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.994	MGL	99.4	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.997	MGL	99.7	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0097	MGL	97.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.989	MGL	98.9	(70-130)	
MS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.992	MGL	99.2	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	1.00	MGL	100.0	(70-130)	

QC Ref #370320 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05240297	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	572	564	MGL		(0-10)	1.4
LCS1	Total Dissolved Solid (TDS)	175	190	MGL	108.6	(80-114)	

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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LCS2	Total Dissolved Solid (TDS)	700	698	MGL	99.7	(80-114)
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL		
MRL_CHK	Total Dissolved Solid (TDS)	10.0	14	MGL	140.0	(50-150)
RPD_LCS	Total Dissolved Solid (TDS)	108.571	99.714	MGL	8.5	(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.