



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 (+ 800 566 5227)

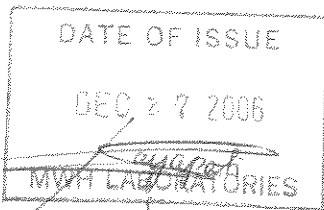
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 191457
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 12 page[s].



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

191457

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

MMLABS USE ONLY:
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: FC

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED none

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

KERRMCGEE-IP

PROJECT JOB # / P.O.#

Collection Wells Fields - Weekly - SO #12373

Sampler Michele Brown

Michele Brown

Susan Crowley (702) 651-2200

Tronox LLC - Henderson Plant
PO Box 55
Henderson, NV 89009

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

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

(check for yes)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CLO4	TDS	OR	PL	EA	SE	SAMPLER COMMENTS
0530	12/18/06		ART-1	RSW	X		X						SBO - 12373 & 18787
0530	12/18/06		ART-2	RSW	X		X						
0530	12/18/06		ART-3	RSW	X		X						
0530	12/18/06		ART-4	RSW	X		X						
0530	12/18/06		ART-5	RSW	X		X						
0530	12/18/06		ART-6	RSW	X		X						
0530	12/18/06		ART-7	RSW	X		X						
0530	12/18/06		ART-8	RSW	X		X						
0600	12/18/06		PC-99R2/R3	RSW	X		X						
0600	12/18/06		PC-115R	RSW	X		X						
0600	12/18/06		PC-116R	RSW	X		X						
0600	12/18/06		Seep Surface Flow	RSW	X		X						

* MATRIX TYPES:
Reported by Volume:
CFW = Chloraminated Finished Water
FW = Other Finished Water

Reported by Weight:
CW = Chlorinated Waste Water
WW = Other Waste Water
SW = Storm Water

REQUISITIONED BY: Michele Brown SIGNATURE

RECEIVED BY: Michele Brown PRINT NAME

REINQUISHED BY: Fidel Garcia COMPANY/TITLE

RECEIVED BY: Fidel Garcia DATE

DATE: 12/18/2006 TIME: 1200pm

COMPANY/TITLE: Veolia Water for Tronox LLC - Henderson Plant

SCANNED



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

HWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: FL

SAMPLE TEMP, RECEIPT AT LAB: 6C

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 Sampler Signature: <u>Michele Brown</u> Susan Crowley (702) 651-2200		Tronox LLC - Henderson Plant LLC PO Box 55 Henderson, NV 89009	Collection Wells Fields - Monthly - SC #12373	<input checked="" type="checkbox"/> (check for yes)			
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	
6:00	12/18/06		SF-1	RSW	X		
6:00	12/18/06		PC-117	RSW	X		
6:00	12/18/06		PC-118	RSW	X		
6:00	12/18/06		PC-119	RSW	X		
6:00	12/18/06		PC-120	RSW	X		
6:00	12/18/06		PC-121	RSW	X		
6:00	12/18/06		PC-133	RSW	X		
5:30	12/18/06		ART-9	RSW	X		

Reported by Volume:
CFW = Chloraminated 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: <u>Michele Brown</u>	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY: <u>Fidel Cruz</u>		Michele Brown	Veolia Water for Tronox LLC - Henderson Plant	12/18/2006	1200pm
RELINQUISHED BY:					
RECEIVED BY:					



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
 PO# / Job# GWREMEDIATION
 Blanket PO

SO# 33394 12373 RS **0** **Sampler: Please Return this Paper with your samples**

Created by
 Order Date 11/27/06
 Date Needed by Client
 Date Samples to Arrive at MWL
 SHIP LOCATION

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

Send Report to
 Ironox, LLC, Henderson Plant
 P.O. Box 55
 Henderson, NV 89009

Billing Address
 Ironox, LLC
 Attn: Accounts Payable
 P.O. BOX 268859
 Oklahoma City, OK 73126-8859

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

Quote#

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

UN#

of Samples Tests

Important Comments

# of Samples	Tests	Carrier	Qty of Coolers	Tracking Number	UN#	Important Comments
30	CLO4, TDS, SHEET OF LABELS WITH WELL-IDS					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

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#: 191457
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **12/19/06**. 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
2612190160	ART-1	CLO4 TDS	Water	18-dec-2006 05:30:00
2612190161	ART-2	CLO4 TDS	Water	18-dec-2006 05:30:00
2612190162	ART-3	CLO4 TDS	Water	18-dec-2006 05:30:00
2612190163	ART-4	CLO4 TDS	Water	18-dec-2006 05:30:00
2612190164	ART-5	CLO4 TDS	Water	18-dec-2006 05:30:00
2612190165	ART-6	CLO4 TDS	Water	18-dec-2006 05:30:00
2612190166	ART-7	CLO4 TDS	Water	18-dec-2006 05:30:00
2612190167	ART-8	CLO4 TDS	Water	18-dec-2006 05:30:00
2612190168	PC-99R2/R3	CLO4 TDS	Water	18-dec-2006 06:00:00
2612190169	PC-115R	CLO4 TDS	Water	18-dec-2006 06:00:00
2612190170	PC-116R	CLO4 TDS	Water	18-dec-2006 06:00:00
2612190171	SEEP SURFACE FLOW	CLO4 TDS	Water	18-dec-2006 06:00:00
2612190172	SF-1	CLO4 TDS	Water	18-dec-2006 06:00:00
2612190173	PC-117	CLO4 TDS	Water	18-dec-2006 06:00:00
2612190174	PC-118	CLO4 TDS	Water	18-dec-2006 06:00:00
2612190175	PC-119	CLO4 TDS	Water	18-dec-2006 06:00:00
2612190176	PC-120	CLO4 TDS	Water	18-dec-2006 06:00:00

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

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2612190177	PC-121	CLO4 TDS	Water	18-dec-2006 06:00:00
2612190178	PC-133	CLO4 TDS	Water	18-dec-2006 06:00:00
2612190179	ART-9	CLO4 TDS	Water	18-dec-2006 05:30:00

Test Acronym Description

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



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Report
Comments
#191457

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
#191457

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

Samples Received
19-dec-2006 14:19:23

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2612190160	ART-1				
12/19/06	Perchlorate		187		ug/l	10
12/21/06	Total Dissolved Solid (TDS)		7010	500	mg/l	10
	2612190161	ART-2				
12/19/06	Perchlorate		121000		ug/l	20000
12/21/06	Total Dissolved Solid (TDS)		9030	500	mg/l	10
	2612190162	ART-3				
12/19/06	Perchlorate		432000		ug/l	40000
12/21/06	Total Dissolved Solid (TDS)		8480	500	mg/l	10
	2612190163	ART-4				
12/19/06	Perchlorate		400000		ug/l	40000
12/21/06	Total Dissolved Solid (TDS)		6550	500	mg/l	10
	2612190164	ART-5				
12/20/06	Perchlorate		94500		ug/l	20000
12/21/06	Total Dissolved Solid (TDS)		7530	500	mg/l	10
	2612190165	ART-6				
12/20/06	Perchlorate		131000		ug/l	20000
12/21/06	Total Dissolved Solid (TDS)		6910	500	mg/l	10
	2612190166	ART-7				

SUMMARY OF POSITIVE DATA ONLY.



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 Henderson , NV 89009

Samples Received
 19-dec-2006 14:19:23

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2612190166	ART-7				
12/20/06	Perchlorate		151000		ug/l	20000
12/21/06	Total Dissolved Solid (TDS)		8730	500	mg/l	10
	2612190167	ART-8				
12/20/06	Perchlorate		318000		ug/l	40000
12/22/06	Total Dissolved Solid (TDS)		8800	500	mg/l	10
	2612190168	PC-99R2/R3				
12/20/06	Perchlorate		20900		ug/l	2000
12/22/06	Total Dissolved Solid (TDS)		4960	500	mg/l	10
	2612190169	PC-115R				
12/20/06	Perchlorate		18600		ug/l	2000
12/22/06	Total Dissolved Solid (TDS)		4640	500	mg/l	10
	2612190170	PC-116R				
12/20/06	Perchlorate		17300		ug/l	2000
12/22/06	Total Dissolved Solid (TDS)		5360	500	mg/l	10
	2612190171	SEEP SURFACE FLOW				
12/20/06	Perchlorate		4850		ug/l	400
12/22/06	Total Dissolved Solid (TDS)		3530	500	mg/l	10
	2612190172	SF-1				

SUMMARY OF POSITIVE DATA ONLY.



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 19-dec-2006 14:19:23

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2612190172	SF-1				
12/22/06	Total Dissolved Solid (TDS)		6630	500	mg/l	10
	2612190173	PC-117				
12/20/06	Perchlorate		11100		ug/l	2000
12/22/06	Total Dissolved Solid (TDS)		4920	500	mg/l	10
	2612190174	PC-118				
12/20/06	Perchlorate		17000		ug/l	2000
12/22/06	Total Dissolved Solid (TDS)		4680	500	mg/l	10
	2612190175	PC-119				
12/20/06	Perchlorate		11800		ug/l	2000
12/22/06	Total Dissolved Solid (TDS)		4320	500	mg/l	10
	2612190176	PC-120				
12/20/06	Perchlorate		6190		ug/l	400
12/22/06	Total Dissolved Solid (TDS)		3610	500	mg/l	10
	2612190177	PC-121				
12/20/06	Perchlorate		2720		ug/l	400
12/22/06	Total Dissolved Solid (TDS)		2980	500	mg/l	10
	2612190178	PC-133				
12/20/06	Perchlorate		9110		ug/l	400

SUMMARY OF POSITIVE DATA ONLY.



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Samples Received
19-dec-2006 14:19:23

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2612190178	PC-133				
12/22/06		Total Dissolved Solid (TDS)	4120	500	mg/l	10
	2612190179	ART-9				
12/20/06		Perchlorate	325000		ug/l	20000
12/22/06		Total Dissolved Solid (TDS)	7740	500	mg/l	10



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

Samples Received
12/19/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2612190160) Sampled on 12/18/06 05:30								
	12/19/06 00:01	345112	(EPA 314	) Perchlorate	187	ug/l	10	5
12/21/06	12/21/06 13:45	345688	(SM 2540C	) Total Dissolved Solid (TDS)	7010	mg/l	10	1
ART-2 (2612190161) Sampled on 12/18/06 05:30								
	12/19/06 00:01	345112	(EPA 314	) Perchlorate	121000	ug/l	20000	5000
12/21/06	12/21/06 13:45	345688	(SM 2540C	) Total Dissolved Solid (TDS)	9030	mg/l	10	1
ART-3 (2612190162) Sampled on 12/18/06 05:30								
	12/19/06 00:01	345112	(EPA 314	) Perchlorate	432000	ug/l	40000	10000
12/21/06	12/21/06 13:45	345688	(SM 2540C	) Total Dissolved Solid (TDS)	8480	mg/l	10	1
ART-4 (2612190163) Sampled on 12/18/06 05:30								
	12/19/06 00:01	345112	(EPA 314	) Perchlorate	400000	ug/l	40000	10000
12/21/06	12/21/06 13:45	345688	(SM 2540C	) Total Dissolved Solid (TDS)	6550	mg/l	10	1
ART-5 (2612190164) Sampled on 12/18/06 05:30								
	12/20/06 00:00	345248	(EPA 314	) Perchlorate	94500	ug/l	20000	5000
12/21/06	12/21/06 13:45	345688	(SM 2540C	) Total Dissolved Solid (TDS)	7530	mg/l	10	1
ART-6 (2612190165) Sampled on 12/18/06 05:30								
	12/20/06 00:00	345248	(EPA 314	) Perchlorate	131000	ug/l	20000	5000
12/21/06	12/21/06 13:45	345688	(SM 2540C	) Total Dissolved Solid (TDS)	6910	mg/l	10	1
ART-7 (2612190166) Sampled on 12/18/06 05:30								
	12/20/06 00:00	345248	(EPA 314	) Perchlorate	151000	ug/l	20000	5000
12/21/06	12/21/06 13:45	345688	(SM 2540C) Total Dissolved Solid (TDS)	8730	mg/l	10	1



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Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-8 (2612190167) Sampled on 12/18/06 05:30								
	12/20/06 00:00	345248	(EPA 314	) Perchlorate	318000	ug/l	40000	10000
12/22/06	12/22/06 15:03	345691	(SM 2540C	) Total Dissolved Solid (TDS)	8800	mg/l	10	1
PC-99R2/R3 (2612190168) Sampled on 12/18/06 06:00								
	12/20/06 00:00	345248	(EPA 314	) Perchlorate	20900	ug/l	2000	500
12/22/06	12/22/06 15:03	345691	(SM 2540C	) Total Dissolved Solid (TDS)	4960	mg/l	10	1
PC-115R (2612190169) Sampled on 12/18/06 06:00								
	12/20/06 00:00	345248	(EPA 314	) Perchlorate	18600	ug/l	2000	500
12/22/06	12/22/06 15:03	345691	(SM 2540C	) Total Dissolved Solid (TDS)	4640	mg/l	10	1
PC-116R (2612190170) Sampled on 12/18/06 06:00								
	12/20/06 00:00	345248	(EPA 314	) Perchlorate	17300	ug/l	2000	500
12/22/06	12/22/06 15:03	345691	(SM 2540C	) Total Dissolved Solid (TDS)	5360	mg/l	10	1
SEEP SURFACE FLOW (2612190171) Sampled on 12/18/06 06:00								
	12/20/06 00:00	345248	(EPA 314	) Perchlorate	4850	ug/l	400	100
12/22/06	12/22/06 15:03	345691	(SM 2540C	) Total Dissolved Solid (TDS)	3530	mg/l	10	1
SF-1 (2612190172) Sampled on 12/18/06 06:00								
	12/20/06 00:00	345248	(EPA 314	) Perchlorate	ND	ug/l	10	5
12/22/06	12/22/06 15:03	345691	(SM 2540C	) Total Dissolved Solid (TDS)	6630	mg/l	10	1
PC-117 (2612190173) Sampled on 12/18/06 06:00								
	12/20/06 00:00	345248	(EPA 314	) Perchlorate	11100	ug/l	2000	500
12/22/06	12/22/06 15:03	345691	(SM 2540C	) Total Dissolved Solid (TDS)	4920	mg/l	10	1
PC-118 (2612190174) Sampled on 12/18/06 06:00								
	12/20/06 00:00	345248	(EPA 314	) Perchlorate	17000	ug/l	2000	500
12/22/06	12/22/06 15:03	345691	(SM 2540C) Total Dissolved Solid (TDS)	4680	mg/l	10	1



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Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-119 (2612190175) Sampled on 12/18/06 06:00								
	12/20/06 00:00	345248	(EPA 314)	Perchlorate	11800	ug/l	2000	500
12/22/06	12/22/06 15:03	345691	(SM 2540C)	Total Dissolved Solid (TDS)	4320	mg/l	10	1
PC-120 (2612190176) Sampled on 12/18/06 06:00								
	12/20/06 00:00	345248	(EPA 314)	Perchlorate	6190	ug/l	400	100
12/22/06	12/22/06 15:03	345691	(SM 2540C)	Total Dissolved Solid (TDS)	3610	mg/l	10	1
PC-121 (2612190177) Sampled on 12/18/06 06:00								
	12/20/06 00:00	345248	(EPA 314)	Perchlorate	2720	ug/l	400	100
12/22/06	12/22/06 15:03	345691	(SM 2540C)	Total Dissolved Solid (TDS)	2980	mg/l	10	1
PC-133 (2612190178) Sampled on 12/18/06 06:00								
	12/20/06 00:00	345248	(EPA 314)	Perchlorate	9110	ug/l	400	100
12/22/06	12/22/06 15:03	345691	(SM 2540C)	Total Dissolved Solid (TDS)	4120	mg/l	10	1
ART-9 (2612190179) Sampled on 12/18/06 05:30								
	12/20/06 00:00	345248	(EPA 314)	Perchlorate	325000	ug/l	20000	5000
12/22/06	12/22/06 15:03	345691	(SM 2540C)	Total Dissolved Solid (TDS)	7740	mg/l	10	1



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Laboratory
 QC Summary
 #191457

Tronox LLC - Henderson

QC Ref #345112 - Perchlorate

Analysis Date: 12/19/2006

2612190160	ART-1	Analyzed by: raja
2612190161	ART-2	Analyzed by: raja
2612190162	ART-3	Analyzed by: raja
2612190163	ART-4	Analyzed by: raja

QC Ref #345248 - Perchlorate

Analysis Date: 12/20/2006

2612190164	ART-5	Analyzed by: raja
2612190165	ART-6	Analyzed by: raja
2612190166	ART-7	Analyzed by: raja
2612190167	ART-8	Analyzed by: raja
2612190168	PC-99R2/R3	Analyzed by: raja
2612190169	PC-115R	Analyzed by: raja
2612190170	PC-116R	Analyzed by: raja
2612190171	SEEP SURFACE FLOW	Analyzed by: raja
2612190172	SF-1	Analyzed by: raja
2612190173	PC-117	Analyzed by: raja
2612190174	PC-118	Analyzed by: raja
2612190175	PC-119	Analyzed by: raja
2612190176	PC-120	Analyzed by: raja
2612190177	PC-121	Analyzed by: raja
2612190178	PC-133	Analyzed by: raja
2612190179	ART-9	Analyzed by: raja

QC Ref #345688 - Total Dissolved Solid (TDS)

Analysis Date: 12/21/2006

2612190160	ART-1	Analyzed by: anh
2612190161	ART-2	Analyzed by: anh
2612190162	ART-3	Analyzed by: anh
2612190163	ART-4	Analyzed by: anh
2612190164	ART-5	Analyzed by: anh
2612190165	ART-6	Analyzed by: anh
2612190166	ART-7	Analyzed by: anh

QC Ref #345691 - Total Dissolved Solid (TDS)

Analysis Date: 12/22/2006

2612190167	ART-8	Analyzed by: anh
2612190168	PC-99R2/R3	Analyzed by: anh
2612190169	PC-115R	Analyzed by: anh
2612190170	PC-116R	Analyzed by: anh



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
QC Summary
#191457

Tronox LLC - Henderson
(continued)

2612190171	SEEP SURFACE FLOW	Analyzed by: anh
2612190172	SF-1	Analyzed by: anh
2612190173	PC-117	Analyzed by: anh
2612190174	PC-118	Analyzed by: anh
2612190175	PC-119	Analyzed by: anh
2612190176	PC-120	Analyzed by: anh
2612190177	PC-121	Analyzed by: anh
2612190178	PC-133	Analyzed by: anh
2612190179	ART-9	Analyzed by: anh



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Laboratory
QC Report
#191457

Tronox LLC - Henderson

QC Ref #345112

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	12180068	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS2	Perchlorate	25.0	25.1	UGL	100.4	(85-115)	
LCS3	Perchlorate	4	3.91	UGL	97.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.8	UGL	99.2	(70-130)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	
RPD_LCS	Perchlorate	101.200	100.400	UGL	0.8	(0-20)	
RPD_MS	Perchlorate	99.200	97.200	UGL	2.0	(0-20)	

QC Ref #345248

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	12190170	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.1	UGL	104.4	(85-115)	
LCS2	Perchlorate	25.0	25.9	UGL	103.6	(85-115)	
LCS3	Perchlorate	4	4.12	UGL	103.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.3	UGL	97.2	(70-130)	
MSD	Perchlorate	25.0	24.0	UGL	96.0	(70-130)	
RPD_LCS	Perchlorate	104.400	103.600	UGL	0.8	(0-20)	
RPD_MS	Perchlorate	97.200	96.000	UGL	1.2	(0-20)	

QC Ref #345688

Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	12150196	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	446	456	MGL		(0-10)	2.2
LCS1	Total Dissolved Solid (TDS)	175	170	MGL	97.1	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	676	MGL	96.6	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.



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 #191457

Tronox LLC - Henderson
 (continued)

MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)
RPD_LCS	Total Dissolved Solid (TDS)	97.143	96.571	MGL	0.6	(0-20)

QC Ref #345691 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	12190169	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	8800	9030	MGL		(0-10)	2.6
LCS1	Total Dissolved Solid (TDS)	175	172	MGL	98.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	684	MGL	97.7	(85-115)	
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)	98.286	97.714	MGL	0.6	(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.