



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)

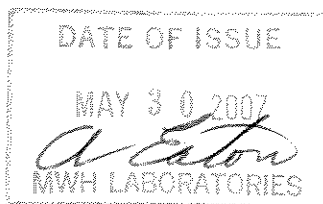
Laboratory Report

for

Tronox LLC Henderson Plant
P.O. Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 204159
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 6 page[s].



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Report
Comments
#204159

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: _____

204159
Sierra

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



MWA Labs
Monrovia, CA

ANALYTICAL LAB:

SITE Henderson DATE 5/9/07 PAGE 1 OF 1

CLIENT		ANALYTICAL METHODS										TURN-AROUND TIME	
Tronox												Standard	
PROJECT NAME: Henderson CLOY												OBSERVATIONS/ COMMENTS	
PROJECT MANAGER: Susan Crowley													
JOB #: 04020-023-1157													
COELT LOG CODE: YES (NO)													
SAMPLER SIGNATURE: Brian Ho													
LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	CAM 17 Metals	C104 Total Chromium	TDS	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS
1.	CLD 2 R	5/9/07	10:00						X	X	W3P		
2.	CLD 1 R	5/9/07	10:28						X	X	W3P		
3.													
4.													
5.													
6.													
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 YES
EACH COOLER NO

RELINQUISHED BY: Brian Ho
SIGNATURE: [Signature]

RECEIVED BY: [Signature]

RELINQUISHED BY: [Signature]

RECEIVED BY: [Signature]

TOTAL NUMBER OF CONTAINERS: 6
METHOD OF SHIPMENT: Fed Ex
SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS: SCANNED

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 4706

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#: 204159
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **05/10/07**. 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
2705100379	CLD2R	CLO4 CR6010	Water	09-may-2007 10:00:00
2705100381	CLD1R	CLO4 CR6010	Water	09-may-2007 10:28:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
P	Metals sample pH
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)



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Menlo Park, California 94025-5090
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Laboratory
Hits Report
#204159

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

Samples Received
10-may-2007 17:31:37

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705100379	CLD2R				
05/23/07		Chromium, Total, ICAP	0.48		mg/l	0.020
05/22/07		Metals digestion performed.	Y		Yes/No	
05/16/07		Perchlorate	4010		ug/l	400
05/14/07		Total Dissolved Solid (TDS)	17600	500	mg/l	10
	2705100381	CLD1R				
05/17/07		Chromium, Total, ICAP	0.94		mg/l	0.020
05/16/07		Metals digestion performed.	Y		Yes/No	
05/16/07		Perchlorate	6640		ug/l	400
05/14/07		Total Dissolved Solid (TDS)	4040	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Data Report
#204159

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

Samples Received
05/10/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
CLD2R (2705100379)				Sampled on 05/09/07 10:00				
	05/16/07 00:00	367124	(EPA 314)	Perchlorate	4010	ug/l	400	100
	05/23/07 02:27	368497	(ML/EPA 6010B)	Chromium, Total, ICAP	0.48	mg/l	0.020	2
	05/22/07 13:46		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	17600	mg/l	10	1
CLD1R (2705100381)				Sampled on 05/09/07 10:28				
	05/16/07 00:00	367124	(EPA 314)	Perchlorate	6640	ug/l	400	100
	05/17/07 00:00	367435	(ML/EPA 6010B)	Chromium, Total, ICAP	0.94	mg/l	0.020	2
	05/16/07 14:25		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
05/14/07	05/14/07 20:00	367446	(SM 2540C)	Total Dissolved Solid (TDS)	4040	mg/l	10	1



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Laboratory
QC Summary
#204159

Tronox LLC Henderson Plant

QC Ref #367124 - Perchlorate

Analysis Date: 05/16/2007

2705100379 CLD2R
2705100381 CLD1R

Analyzed by: raja
Analyzed by: raja

QC Ref #367435 - Chromium, Total, ICAP

Analysis Date: 05/17/2007

2705100381 CLD1R

Analyzed by: wbh

QC Ref #367446 - Total Dissolved Solid (TDS)

Analysis Date: 05/14/2007

2705100379 CLD2R
2705100381 CLD1R

Analyzed by: maria
Analyzed by: maria

QC Ref #368497 - Chromium, Total, ICAP

Analysis Date: 05/23/2007

2705100379 CLD2R

Analyzed by: wbh



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Laboratory
QC Report
#204159

Tronox LLC Henderson Plant

QC Ref #367124

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05100379	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	
LCS2	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS3	Perchlorate	4	3.92	UGL	98.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.0	UGL	96.0	(80-120)	
MSD	Perchlorate	25.0	23.6	UGL	94.4	(80-120)	
RPD_LCS	Perchlorate	98.000	96.800	UGL	1.2	(0-15)	
RPD_MS	Perchlorate	96.000	94.400	UGL	1.0	(0-15)	

QC Ref #367435

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05100540	MGL		(0-0)	
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	0.0098	MGL	98.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.989	MGL	98.9	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.992	MGL	99.2	(70-130)	

QC Ref #367446

Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05100236	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	376	384	MGL		(0-10)	2.1
LCS1	Total Dissolved Solid (TDS)	175	176	MGL	100.6	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	656	MGL	93.7	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	100.571	93.714	MGL	7.1	(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.

Tronox LLC Henderson Plant
(continued)

QC Ref #368497

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05150326	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	1.08	MGL	108.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.02	MGL	102.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.012	MGL	120.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.07	MGL	107.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.968	MGL	96.8	(70-130)	

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.