



# MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100  
Monrovia, California 91016-3629  
Tel: 626 388 1100  
Fax: 626 386 1101  
1 800 566 LABS (1 800 566 5227)

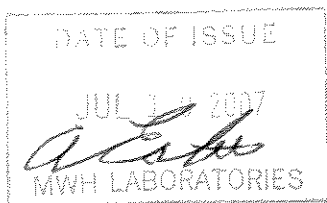
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

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



A/E Andy Eaton  
Project Manager



Report#: 208786  
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 5 page[s].



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ADE Andy Eaton  
Project Manager

Report#: 208786  
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Report  
Comments  
#208786

**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  
#208786

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

Samples Received  
28-jun-2007 16:28:22

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2706280153	SF-1				
06/29/07	Total Dissolved Solid (TDS)		6380	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory  
Data Report  
#208786

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

Samples Received  
06/28/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>SF-1 (2706280153)</b>				<b>Sampled on 06/27/07 10:00</b>				
	06/28/07 11:04	374290	( EPA 314	) Perchlorate	ND	ug/l	10	5
06/29/07	06/29/07 11:00	374599	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6380	mg/l	10	1



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Laboratory  
QC Summary  
#208786

Tronox LLC - Henderson

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QC Ref #374290 - Perchlorate

Analysis Date: 06/28/2007

2706280153

SF-1

Analyzed by: raja

QC Ref #374599 - Total Dissolved Solid (TDS)

Analysis Date: 06/29/2007

2706280153

SF-1

Analyzed by: yvette

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Laboratory  
 QC Report  
 #208786

Tronox LLC - Henderson

## QC Ref #374290

## Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	06270176	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	25.7	UGL	102.8	( 85-115 )	
LCS2	Perchlorate	25.0	24.5	UGL	98.0	( 85-115 )	
LCS3	Perchlorate	4	3.68	UGL	92.0	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	20.6	UGL	82.4	( 80-120 )	
MSD	Perchlorate	25.0	21.8	UGL	87.2	( 80-120 )	
RPD_LCS	Perchlorate	102.800	98.000	UGL	4.8	( 0-15 )	
RPD_MS	Perchlorate	82.400	87.200	UGL	1.1	( 0-15 )	

## QC Ref #374599

## Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06280329	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	110	112	MGL		( 0-10 )	1.8
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	692	MGL	98.9	( 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)	96.000	98.857	MGL	2.9	( 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.

208786



MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

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

MWLABS USE ONLY:  
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: FC  
SAMPLE TEMP, RECEIPT AT LAB: 5°C  
BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME  
KERRMCGEE-MP  
SAMPLER SIGNATURE: Thomas Henderson  
PROJECT JOB # / P.O.#  
Collection Wells Fields - Monthy - SO #12373  
Ironox LLC - Henderson Plant LLC  
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)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	Total ClO <sub>2</sub>	TDS	CR	SAMPLER COMMENTS
10:00	6/27/07		SF-1	RSW	X		X	X		resubmitting
			PC-117	RSW						
			PC-118	RSW						
			PC-119	RSW						
			PC-120	RSW						
			PC-121	RSW						
			PC-133	RSW						
			ART-9	RSW						

\* MATRIX TYPES:

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

RGW = Raw Ground Water  
RSW = Raw Surface Water

CWW = Chlorinated Waste Water  
WW = Other Waste Water  
SW = Storm Water

Reported by Weight:  
SO = Soil  
SL = Sludge

RELINQUISHED BY: <u>Thomas Henderson</u>	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY: <u>[Signature]</u>		Veolia Water for Tronox LLC - Henderson Plant	6/27/2007	1200pm
RELINQUISHED BY:				
RECEIVED BY: <u>[Signature]</u>				

SCANNED



Airbill

FedEx Tracking Number

8599 1967 3796

Form ID No

0200

Recipient's Copy



Phone 808 961-8670

PT OF WATER SUPPLY

ILANI ST

WQACB LAB

Dept./Floor/Suite/Room

State HI ZIP 96720

e

HEIN Phone 626 386-1100

RATORIES

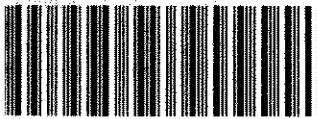
ROYAL OAKS DRIVE

SUITE 100

Dept./Floor/Suite/Room

location, print FedEx address here.

ROVIA State CA ZIP 91016-3629



8599 1967 3796

4a Express Package Service

FedEx Priority Overnight  
Next business morning. \* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx Standard Overnight  
Next business afternoon. \* Saturday Delivery NOT available.

Packages up to 150 lbs.

FedEx First Overnight  
Earliest next business morning delivery to select locations. \* Saturday Delivery NOT available.

FedEx 2Day  
Second business day. \* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx Express Saver  
Third business day. \* Saturday Delivery NOT available.

4b Express Freight Service

FedEx 1Day Freight  
Next business day. \* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 2Day Freight  
Second business day. \* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

Packages over 150 lbs.

FedEx 3Day Freight  
Third business day. \* Saturday Delivery NOT available.

\* Call for Confirmation.

5 Packaging

FedEx Envelope\*

FedEx Pak\*  
Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.

FedEx Box

FedEx Tube

Other

\* Declares value limit \$500.

6 Special Handling

SATURDAY Delivery  
Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

HOLD Weekday at FedEx Location  
Not available for FedEx Priority Overnight and FedEx 2Day to select locations.

HOLD Saturday at FedEx Location  
Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? (One box must be checked.)

No

Yes  
As per attached Shipper's Declaration.

Yes  
Shipper's Declaration not required.

Dry Ice  
Dry Ice, 9, IPI 1845

Cargo Aircraft Only

7 Payment Bill to

Sender  
Acct. No. in Section 1 will be billed.

Recipient

Third Party

Credit Card

Cash/Check

Total Packages	Total Weight	Total Declared Value*	Total Charges
		\$ .00	

\* Declared value limited to \$100 unless you declare a higher value. See back for details.

8 NEW Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

No Signature Required  
Package may be left without obtaining a signature for delivery.

Direct Signature  
Someone at recipient's address may sign for delivery. **Fee applies.**

Indirect Signature  
If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. **Fee applies.**



Rev. Date 8/05/Port #158281 ©1994-2005 FedEx PRINTED IN U.S.A. SRY

**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#: 208786  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on **06/28/07**. 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
2706280153	SF-1	CLO4	Water	27-jun-2007 10:00:00
		TDS		

Test Acronym Description

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