



# 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)

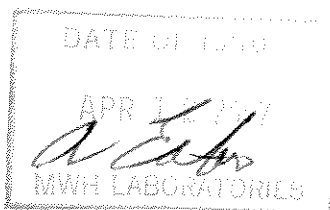
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton  
Project Manager



Report#: 200346  
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 5 page[s].



**MONTGOMERY WATSON LABORATORIES**

# CHAIN OF CUSTODY RECORD

MWLABS USE ONLY:

750 Royal Oaks Drive, Suite 100, Montrovia, CA > 91016-3629  
 (626) 568-6400 (800) 566-5227

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: FC

SAMPLE TEMP, RECEIPT AT LAB: 60

BLUE ICE: FROZEN  PARTIALLY FROZEN  THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

KERRMCGEE-MP

PROJECT JOB # / P.O.#

Weekly Permit CID<sub>1</sub> Compliance Samples

Tronox LLC Henderson Plant  
 PO Box 55  
 Henderson, NV 89009

Wendy Prescott  
 Susan Crowley  
 (702) 651-2234

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	SAMPLER COMMENTS
10:00am	3-25-07 to 3-31-07		Effluent-Comp	RSW		X	C104 SBO-18882
10:00am	3-25-07 to 3-31-07		Influent-Comp	RSW		X	

\* MATRIX TYPES: **Reported by Volume:**  
 CFW = Chlor(am)inated Finished Water  
 FW = Other Finished Water  
 RGW = Raw Ground Water  
 RSW = Raw Surface Water

**Reported by Weight:**  
 SO = Soil  
 SL = Sludge  
 CWW = Chlorinated Waste Water  
 WW = Other Waste Water  
 SW = Storm Water

REQUISITIONED BY: Wendy Prescott SIGNATURE

RECEIVED BY: [Signature] PRINT NAME: Wendy Prescott

COMPANY/TITLE: Velbia Water NA for Tronox LLC - Henderson

DATE: 4/2/2007 TIME: 12:00

RELINQUISHED BY: [Signature]

RECEIVED BY: [Signature]

C-O-#

PAGE \_\_\_\_ OF \_\_\_\_

SCANNED



MWH Laboratories, a Division of MWH Americas, Inc.  
 750 Royal Oaks Avenue Suite 100  
 Montrovia 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#  
 Blanket PO

W Weekly  
 Week 1

Period

SO# 35237 18882 RS

**Sampler: Please Return this Paper with your samples**

0

Created by  
 Order Date

03/19/07

Date Needed  
 by Client

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#

# of Samples Tests

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

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
2	CLO4	1 125ml poly /no preservative AMBER IF WITH CLO3!		Weekly Composites at INFLUENT-COMP EFFLUENT-COMP
-	-	-	-	COC should be labeled with IDs as above.
-	-	-	-	These are in lieu of the former samples that were arriving once a month as a series of weekly composites.
-	-	-	-	adjusted to 2 samples 5/05

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#: Susan Crowley PO  
 Group#: 200346  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on **04/03/07**. 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
2704030364	EFFLUENT-COMP	CLO4	Water	31-mar-2007 10:00:00
2704030365	INFLUENT-COMP	CLO4	Water	31-mar-2007 10:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate



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Report  
Comments  
#200346

**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: \_\_\_\_\_



# MWH Laboratories

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Laboratory  
Hits Report  
#200346

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

Samples Received  
03-apr-2007 15:02:05

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2704030364	EFFLUENT-COMP				
	2704030365	INFLUENT-COMP				
04/06/07	Perchlorate		224000		ug/l	20000

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory  
Data Report  
#200346

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

Samples Received  
04/03/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>EFFLUENT-COMP (2704030364)</b>				<b>Sampled on 03/31/07 10:00</b>				
	04/06/07 00:00	360718	( EPA 314	) Perchlorate	ND	ug/l	10	5
<b>INFLUENT-COMP (2704030365)</b>				<b>Sampled on 03/31/07 10:00</b>				
	04/06/07 00:00	360718	( EPA 314	) Perchlorate	224000	ug/l	20000	5000



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Laboratory  
QC Summary  
#200346

Tronox LLC - Henderson

QC Ref #360718 - Perchlorate

Analysis Date: 04/06/2007

2704030364  
2704030365

EFFLUENT-COMP  
INFLUENT-COMP

Analyzed by: raja  
Analyzed by: raja





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Laboratory  
QC Report  
#200346

Tronox LLC - Henderson

QC Ref #360718

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	04030250	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	25.5	UGL	102.0	( 85-115 )	
LCS2	Perchlorate	25.0	25.2	UGL	100.8	( 85-115 )	
LCS3	Perchlorate	4	4.10	UGL	102.5	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.0	UGL	96.0	( 70-130 )	
MSD	Perchlorate	25.0	23.1	UGL	92.4	( 70-130 )	
RPD_LCS	Perchlorate	102.000	100.800	UGL	1.2	( 0-20 )	
RPD_MS	Perchlorate	96.000	92.400	UGL	3.8	( 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.