



# MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100  
Monrovia, California 91016-3629  
Tel: 626 366 1100  
Fax: 626 366 1101  
1 800 566 LABS (1 800 566 5227)

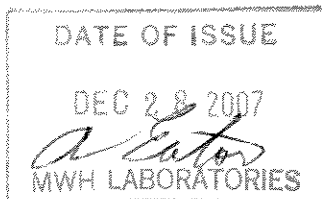
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton  
Project Manager



Report#: 221809  
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 24 page[s].



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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)

December 28, 2007

Ms. Susan Crowley  
Tronox  
PO Box 55  
Henderson, NV 89009

Subject: Case Narrative report 221809

Enclosed is MWH Laboratories Report 221809

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on November 08, 2007 with proper chain of custody. All containers were received without any visible signs of tampering or breakage at proper temperature. Samples are identified on the acknowledgement, which is part of the report package, along with the chain of custody.

Case Narrative:

For the MWH Laboratories data the following issues were observed:

TDS was not consistent with historical data for M-73. The sample was rerun past hold time. The rerun data for M-73 was entered with an HA flag.

Hexavalent chromium was received past the RCRA hold time and reported with an H3 flag.

Note:

Ion chromatography analyses do not show actual analysis time for samples with holding times of >72 hours. Instead they show the time of first injection on a batch or 00:00.

Sincerely,

Andrew Eaton, PhD  
Project Manager



# CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

221809

MW LABS USE ONLY:  
LOGIN COMMENTS:  
750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016  
(626) 386-1100 (800) 566-5227

SAMPLES CHECKED/LOGGED IN BY: JS  
SAMPLE TEMP. RECEIPT AT LAB: 2°  
BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:  
COMPANY / PROJECT NAME  
PROJECT JOB # / P.O.#  
SAMPLER: Michele Brown  
Tronox LLC - Henderson Plant  
PO Box 55  
Henderson, NV 89009

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX*	GRAB	COMP	CR 6010	PH 9040	TDS	CL04	CRVI 7196	CL03 9056	NO3 9056	See Bottle Order	SAMPLER Comments
526	11-7-07		M-92	RGW	X		X	X	X	X					2 Bottles
550	11-7-07		M-97	RGW	X		X	X	X	X					2 Bottles
	11-7-07		M-93	RGW	X		X	X	X	X	NO SAMPLE				2 Bottles
317	11-7-07		M-31A	RGW	X		X	X	X	X	NO SAMPLE				2 Bottles
	11-7-07		M-32	RGW	X		X	X	X	X					2 Bottles
846	11-7-07		M-50	RGW	X		X	X	X	X					2 Bottles
908	11-7-07		M-34	RGW	X		X	X	X	X					2 Bottles
921	11-7-07		M-35	RGW	X		X	X	X	X					2 Bottles
937	11-7-07		M-19	RGW	X		X	X	X	X					2 Bottles
952	11-7-07		M-39	RGW	X		X	X	X	X					2 Bottles
1080	11-7-07		M-68	RGW	X		X	X	X	X					2 Bottles
1047	11-7-07		M-67	RGW	X		X	X	X	X					2 Bottles

\* MATRIX TYPES:  
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 Volume:  
Reported by Weight:  
SO = Soil  
SL = Sludge

RELINQUISHED BY: Michele Brown SIGNATURE  
RECEIVED BY: Joe Sanchez SIGNATURE  
RELINQUISHED BY: Joe Sanchez SIGNATURE  
RECEIVED BY: Joe Sanchez SIGNATURE

COMPANY/TITLE: Veolia Water NA for Tronox LLC - Henderson Plant  
PRINT NAME: Michele Brown

DATE: 11-7-07 12:00PM  
DATE: 11-8-07 10:00AM



MWLABS USE ONLY:

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

SAMPLES CHECKED/LOGGED IN BY: JS

SAMPLE TEMP, RECEIPT AT LAB: 20

BLUE ICE: FROZEN  PARTIALLY FROZEN  THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

Quarterly Groundwater Sampling

Schedule B

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	CR 6010	PH 9040	TDS	CL04	CRVI 7196	CL03 9056	NO3 9056	See Bottle Order	SAMPLER Comments
1101	11-7-07		M-14	RGW	X		X	X	X	X					2 Bottles
1132	11-7-07		M-13	RGW	X		X	X	X	X					2 Bottles
	11-7-07		M-18	RGW	X		X	X	X	X	NO SAMPLE				2 Bottles
1134	11-7-07		M-88	RGW	X		X	X	X	X					2 Bottles
1024	11-7-07		I-K	RGW	X		X	X	X	X					2 Bottles
1031	11-7-07		I-I	RGW	X		X	X	X	X					2 Bottles
1120	11-7-07		I-S	RGW	X		X	X	X	X					2 Bottles
1029	11-7-07		I-Z	RGW	X		X	X	X	X					2 Bottles
1035	11-7-07		I-V	RGW	X		X	X	X	X					2 Bottles
1212	11-7-07		M-12A	RGW	X		X	X	X	X	X				2 Bottles
1257	11-7-07		M-11	RGW	X		X	X	X	X	X				3 Bottles
200	11-7-07		M-10	RGW	X		X	X	X	X	X				3 Bottles

\* MATRIX TYPES:

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

Reported by Weight:  
SO = Soil  
SL = Sludge

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

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RELINQUISHED BY: <u>Michele Brown</u>	COMPANY/TITLE: <u>Veolia Water NA for Tronox LLC - Henderson Plant</u>	DATE: <u>11-7-07</u>	TIME: <u>12:00PM</u>
RECEIVED BY: <u>Joe Sanchez</u>	COMPANY/TITLE: <u>MWLT</u>	DATE: <u>11-8-07</u>	TIME: <u>10:00</u>
RELINQUISHED BY: <u>Joe Sanchez</u>	COMPANY/TITLE: <u>MWLT</u>	DATE: <u>11-8-07</u>	TIME: <u>10:00</u>
RECEIVED BY: <u>Joe Sanchez</u>	COMPANY/TITLE: <u>MWLT</u>	DATE: <u>11-8-07</u>	TIME: <u>10:00</u>



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: JS.

SAMPLE TEMP, RECEIPT AT LAB: 2°

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#  
Quarterly Groundwater Sampling  
Schedule B

KERRMCGEE-MP

Sampler Michele Brown

Michele Brown

Susan Crowley (702) 651-2234

Tronox LLC - Henderson Plant  
PO Box 55  
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			PH 9040	TDS	ClO4	CRVI 7196	ClO3 9056	NO3 9056	See Bottle Order	SAMPLER Comments
				RGW	GRAB	COMP								
0155	11-7-07		EB-2	RGW	X		X	X	X					3 Bottles
	11-7-07		MP-4	RGW	X		X	X	X					2 Bottles
	11-7-07		MP-1	RGW	X		X	X	X					3 Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles
				RGW	X		X	X	X					Bottles

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

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

REINQUISHED BY: Michele Brown  
RECEIVED BY: Joe Sanchez  
REINQUISHED BY: Joe Sanchez  
RECEIVED BY:

Michele Brown

JOE SANCHEZ

MWLT

Veolia Water NA for Tronox LLC - Henderson Plant

11-7-07 12:00PM

11-7-07 10:00

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 142839

RECEIVED subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading.

From: **TRONOX LLC**

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

CARRIER <b>Federal Express</b>		Date <b>11/7/07</b>	FROM NO. STATION: STATE <b>Henderson, NV 89015</b>
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400		Authorization <b>S. CROWLEY</b>	
FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect		FULL NAME OF SHIPPER TRONOX LLC  CODE NO. WCN IS  <b>1321.10400</b>	
N/R	CUSTOMER PO OR REQ'N NO.	SHIPPED FROM <b>Henderson, NV</b>	If it moves between two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	<b>Quarterly Monitoring Well Samples</b>  One ice chest @ 85 One ice chest @ 10 One ice chest @ 24  <b>Not Regulated</b>		<b>3 COOLERS</b>
TRUCK SHIPMENTS		FOR CHEMICAL EMERGENCY-SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 483-7616 IN DISTRICT OF COLUMBIA 202-483-7616 FROM OUTSIDE THE CONTINENTAL US.	
PLACARDS OFFERED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	PLACARDS ACCEPTED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
<b>3</b>	<b>119</b>	<b>0</b>	<b>119</b>
NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____		"Shippers imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission"	

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

TRONOX LLC  
Shipper permanent post office address of shipper, PO Box 268859, Oklahoma City, OK 73126-8859

PER

**Olga Maestas**

AGENT

PER

**SCANNED**

From: Origin ID: LASA (702)651-2230  
TRONOX LLC  
TRONOX LLC  
8000 LAKE MEAD PARKWAY  
SHIPPING DEPARTMENT  
HENDERSON, NV 89015



Ship Date: 07NOV07  
ActWgt: 24 LB  
System#: 2274147/INET7091  
Account#: S\*\*\*\*\*

Delivery Address Bar Code



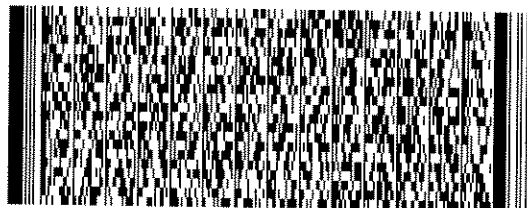
Ref # MSO #142839  
Invoice #  
PO #  
Dept #

SHIP TO: (626)568-6400 **BILL SENDER**  
**ATTN: SAMPLE RECEIVING**  
**MONTGOMERY WATSON LABS**  
**750 ROYAL OAKS DR # 100**

**MONROVIA, CA 910163629**

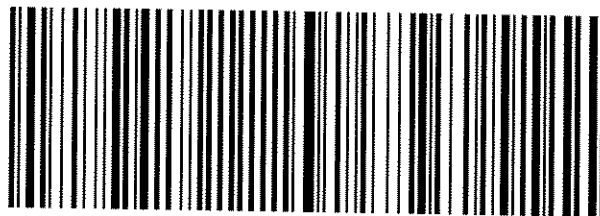
TRK# 7908 6935 5474  
0201

**THU - 08NOV A2**  
**PRIORITY OVERNIGHT**



**QZ-WHPA**

**BUR**  
**CA-US**  
**91016**



Shipping Label: Your shipment is complete

1. Use the 'Print' feature from your browser to send this page to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.**

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

**SCANNED**



MWH Laboratories, a Division of MWH Americas, Inc.  
 750 Royal Oaks Avenue Suite 100  
 Monterey 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

Q Quarterly  
 Week 1  
 Period

SO# 38337 33899 RS

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

0

Created by

Order Date

09/17/07

Date Needed  
 by Client

Ship Sample Kits to  
 Tronox LLC-Veolia Water  
 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  
 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

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
101	CR6010	1 250ml poly acid rinsed + 1ml HNO3 (18%)	UN 2031	QUARTERLY SAMPLING -
101	CLO4, TDS, PH9040	1 500 ml poly /no preservative		PLEASE PUT LABELS ON
15	CRV7196	1 125ml poly acid rinsed/ no preservative SHORT HOLDING TIME!!!!		BOTTLES; PLEASE PUT IN 4
				COOLERS SINCE SAMPLING
				TAKES 3-4 DAYS
				First, Third, and fourth quarters
				NOTIFY LAB AS SOON AS
				CR-VI COMES IN - 24HR ht
				TDS count increased to 101
				effective 6/16/06.; deleted EC as
				of 7-14-06

ActiveCode

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#: 221809  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

The following samples were received from you on **11/08/07**. 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
2711080246	M-92		Water	07-nov-2007 05:26:00
2711080247	M-97	CLO4 CR6010	P PH9040	T TDS
2711080248	M-31A		Water	07-nov-2007 05:50:00
2711080249	M-50	CLO4 CR6010	P PH9040	T TDS
2711080250	M-34		Water	07-nov-2007 08:17:00
2711080251	M-35	CLO4 CR6010	P PH9040	T TDS
2711080252	M-19		Water	07-nov-2007 08:46:00
2711080253	M-39	CLO4 CR6010	P PH9040	T TDS
2711080254	M-68		Water	07-nov-2007 09:08:00
2711080255	M-67	CLO4 CR6010	P PH9040	T TDS
2711080256	M-74		Water	07-nov-2007 09:21:00
2711080257	M-73	CLO4 CR6010	P PH9040	T TDS
2711080258	M-88		Water	07-nov-2007 09:37:00
2711080259	I-K	CLO4 CR6010	P PH9040	T TDS
2711080260	I-I		Water	07-nov-2007 09:52:00
2711080261	I-J	CLO4 CR6010	P PH9040	T TDS
2711080262	I-Z		Water	07-nov-2007 10:20:00
		CLO4 CR6010	P PH9040	T TDS
			Water	07-nov-2007 10:20:00
		CLO4 CR6010	P PH9040	T TDS
			Water	07-nov-2007 10:29:00
		CLO4 CR6010	P PH9040	T TDS

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#: 221809  
 Project#: CLO4  
 Proj Mgr: Andrew Eaton  
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2711080263	I-V	CLO4 CR6010	Water P PH9040 T	07-nov-2007 10:35:00
2711080265	M-12A	CLO4 CR6010	Water CRVI7196 P PH9040 T	07-nov-2007 12:12:00
2711080266	M-11	CLO4 CR6010	Water CRVI7196 P PH9040 T	07-nov-2007 12:57:00
2711080267	M-10	CLO4 CR6010	Water CRVI7196 P PH9040 T	07-nov-2007 02:00:00
2711080268	EB-2	CLO4 CR6010	Water CRVI7196 P PH9040 T	07-nov-2007 09:55:00
2711080269	MD-4	CLO4 CR6010	Water P PH9040 T	07-nov-2007 00:00:00
2711080270	MD-1	CLO4 CR6010	Water CRVI7196 P PH9040 T	07-nov-2007 00:00:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
CRVI7196	Hexavalent chromium (Cr VI)
P	Metals sample pH
PH9040	PH (H3=past HT, not compliant)
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)



**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.

Signature: \_\_\_\_\_ 

(QC Ref#: 2711080257)

Test: Total Dissolved Solid (TDS) (E160.1/SM2540C)

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

(QC Ref#: 2711080265)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

H3 - Sample was received and analyzed past holding time.  
Data not acceptable for regulatory compliance.

(QC Ref#: 2711080266)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

H3 - Sample was received and analyzed past holding time.  
Data not acceptable for regulatory compliance.

(QC Ref#: 2711080267)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

H3 - Sample was received and analyzed past holding time.  
Data not acceptable for regulatory compliance.

(QC Ref#: 2711080268)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

H3 - Sample was received and analyzed past holding time.  
Data not acceptable for regulatory compliance.

(QC Ref#: 2711080270)

Test: Hexavalent chromium (Cr VI) (ML/EPS 7196)

H3 - Sample was received and analyzed past holding time.  
Data not acceptable for regulatory compliance.



# 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  
Hits Report  
#221809

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

Samples Received  
08-nov-2007 14:59:40

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2711080246	M-92				
11/13/07		Chromium, Total, ICAP	0.02		mg/l	0.010
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.8		Units	0.0010
11/13/07		Perchlorate	925		ug/l	80
11/12/07		Total Dissolved Solid (TDS)	1956	500	mg/l	10
	2711080247	M-97				
11/13/07		Chromium, Total, ICAP	0.05		mg/l	0.010
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.5		Units	0.0010
11/13/07		Perchlorate	78600		ug/l	10000
11/12/07		Total Dissolved Solid (TDS)	3648	500	mg/l	10
	2711080248	M-31A				
11/15/07		Chromium, Total, ICAP	12		mg/l	0.10
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.4		Units	0.0010
11/13/07		Perchlorate	1620000		ug/l	200000
11/12/07		Total Dissolved Solid (TDS)	6200	500	mg/l	10
	2711080249	M-50				
11/15/07		Chromium, Total, ICAP	31		mg/l	0.10
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.4		Units	0.0010
11/13/07		Perchlorate	960000		ug/l	100000
11/12/07		Total Dissolved Solid (TDS)	15900	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory  
Hits Report  
#221809

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

Samples Received  
08-nov-2007 14:59:40

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2711080250	M-34				
	2711080250	M-34				
11/15/07		Chromium, Total, ICAP	17		mg/l	0.10
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.3		Units	0.0010
11/13/07		Perchlorate	1880000		ug/l	200000
11/12/07		Total Dissolved Solid (TDS)	7680	500	mg/l	10
	2711080251	M-35				
11/13/07		Chromium, Total, ICAP	9.1		mg/l	0.010
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.4		Units	0.0010
11/13/07		Perchlorate	351000		ug/l	40000
11/13/07		Total Dissolved Solid (TDS)	6750	500	mg/l	10
	2711080252	M-19				
11/13/07		Chromium, Total, ICAP	0.37		mg/l	0.010
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010
11/13/07		Perchlorate	1780		ug/l	400
11/13/07		Total Dissolved Solid (TDS)	3820	500	mg/l	10
	2711080253	M-39				
11/16/07		Chromium, Total, ICAP	4.8		mg/l	0.010
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.3		Units	0.0010

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Samples Received  
08-nov-2007 14:59:40

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2711080253	M-39				
11/13/07	Perchlorate		451000		ug/l	40000
11/13/07	Total Dissolved Solid (TDS)		7820	500	mg/l	10
	2711080254	M-68				
11/16/07	Chromium, Total, ICAP		0.96		mg/l	0.010
11/12/07	Metals digestion performed.		Y		Yes/No	
11/12/07	PH (H3=past HT, not compliant)		7.5		Units	0.0010
11/13/07	Perchlorate		67000		ug/l	10000
11/13/07	Total Dissolved Solid (TDS)		6220	500	mg/l	10
	2711080255	M-67				
11/16/07	Chromium, Total, ICAP		6.4		mg/l	0.010
11/12/07	Metals digestion performed.		Y		Yes/No	
11/12/07	PH (H3=past HT, not compliant)		7.3		Units	0.0010
11/13/07	Perchlorate		588000		ug/l	80000
11/13/07	Total Dissolved Solid (TDS)		9140	500	mg/l	10
	2711080256	M-74				
11/16/07	Chromium, Total, ICAP		0.82		mg/l	0.010
11/12/07	Metals digestion performed.		Y		Yes/No	
11/12/07	PH (H3=past HT, not compliant)		7.5		Units	0.0010
11/13/07	Perchlorate		43800		ug/l	4000
11/13/07	Total Dissolved Solid (TDS)		6230	500	mg/l	10
	2711080257	M-73				
11/16/07	Chromium, Total, ICAP		4.0		mg/l	0.010

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08-nov-2007 14:59:40

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2711080257</b>	<b>M-73</b>				
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010
11/13/07		Perchlorate	295000		ug/l	20000
12/16/07		Total Dissolved Solid (TDS)	4720	500	mg/l	10
	<b>2711080258</b>	<b>M-88</b>				
11/16/07		Chromium, Total, ICAP	0.93		mg/l	0.010
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.5		Units	0.0010
11/14/07		Perchlorate	50600		ug/l	4000
11/13/07		Total Dissolved Solid (TDS)	7020	500	mg/l	10
	<b>2711080259</b>	<b>I-K</b>				
11/16/07		Chromium, Total, ICAP	1.1		mg/l	0.010
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.2		Units	0.0010
11/14/07		Perchlorate	73900		ug/l	8000
11/13/07		Total Dissolved Solid (TDS)	5620	500	mg/l	10
	<b>2711080260</b>	<b>I-I</b>				
11/16/07		Chromium, Total, ICAP	21		mg/l	0.10
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.4		Units	0.0010
11/14/07		Perchlorate	989000		ug/l	100000
11/13/07		Total Dissolved Solid (TDS)	16400	500	mg/l	10
	<b>2711080261</b>	<b>I-J</b>				

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08-nov-2007 14:59:40

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2711080261	I-J				
11/16/07		Chromium, Total, ICAP	2.7		mg/l	0.010
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.5		Units	0.0010
11/14/07		Perchlorate	215000		ug/l	20000
11/13/07		Total Dissolved Solid (TDS)	6620	500	mg/l	10
	2711080262	I-Z				
11/16/07		Chromium, Total, ICAP	11		mg/l	0.10
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.3		Units	0.0010
11/14/07		Perchlorate	634000		ug/l	100000
11/13/07		Total Dissolved Solid (TDS)	9800	500	mg/l	10
	2711080263	I-V				
11/16/07		Chromium, Total, ICAP	23		mg/l	0.10
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.3		Units	0.0010
11/14/07		Perchlorate	1880000		ug/l	200000
11/13/07		Total Dissolved Solid (TDS)	14600	500	mg/l	10
	2711080265	M-12A				
11/16/07		Chromium, Total, ICAP	14		mg/l	0.10
11/08/07		Hexavalent chromium (Cr VI)	14		mg/l	0.50
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	8.1		Units	0.0010
11/14/07		Perchlorate	339000		ug/l	40000

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Samples Received  
08-nov-2007 14:59:40

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2711080265</b>	<b>M-12A</b>				
11/13/07	Total Dissolved Solid (TDS)		8060	500	mg/l	10
	<b>2711080266</b>	<b>M-11</b>				
11/16/07	Chromium, Total, ICAP		2.7		mg/l	0.010
11/08/07	Hexavalent chromium (Cr VI)		2.4		mg/l	0.10
11/12/07	Metals digestion performed.		Y		Yes/No	
11/12/07	PH (H3=past HT, not compliant)		8.0		Units	0.0010
11/14/07	Perchlorate		33200		ug/l	4000
11/13/07	Total Dissolved Solid (TDS)		3330	500	mg/l	10
	<b>2711080267</b>	<b>M-10</b>				
11/16/07	Chromium, Total, ICAP		0.84		mg/l	0.010
11/08/07	Hexavalent chromium (Cr VI)		0.03		mg/l	0.0050
11/12/07	Metals digestion performed.		Y		Yes/No	
11/12/07	PH (H3=past HT, not compliant)		7.2		Units	0.0010
11/14/07	Perchlorate		26400		ug/l	4000
11/13/07	Total Dissolved Solid (TDS)		3270	500	mg/l	10
	<b>2711080268</b>	<b>EB-2</b>				
11/12/07	Metals digestion performed.		Y		Yes/No	
11/12/07	PH (H3=past HT, not compliant)		6.2		Units	0.0010
11/14/07	Perchlorate		49		ug/l	8.0
11/13/07	Total Dissolved Solid (TDS)		12	500	mg/l	10
	<b>2711080269</b>	<b>MD-4</b>				
11/16/07	Chromium, Total, ICAP		30		mg/l	0.10

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Samples Received  
08-nov-2007 14:59:40

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2711080269	MD-4				
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	7.7		Units	0.0010
11/14/07		Perchlorate	961000		ug/l	100000
11/13/07		Total Dissolved Solid (TDS)	14900	500	mg/l	10
	2711080270	MD-1				
11/16/07		Chromium, Total, ICAP	14		mg/l	0.10
11/08/07		Hexavalent chromium (Cr VI)	14		mg/l	0.50
11/12/07		Metals digestion performed.	Y		Yes/No	
11/12/07		PH (H3=past HT, not compliant)	8.2		Units	0.0010
11/14/07		Perchlorate	330000		ug/l	40000
11/13/07		Total Dissolved Solid (TDS)	14900	500	mg/l	10

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 Tel: 626 386 1100  
 Fax: 626 386 1101  
 1 800 566 LABS (1 800 566 5227)

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

 Samples Received  
 11/08/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>M-92 (2711080246)</b>		<b>Sampled on 11/07/07 05:26</b>						
	11/13/07 10:43	397146	( EPA 314 )	Perchlorate	925	ug/l	80	20
11/13/07	11/13/07 00:00	397181	( ML/EPA 6010B )	Chromium, Total, ICAP	0.02	mg/l	0.010	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 15:26	397102	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
11/12/07	11/12/07 16:15	398051	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	1956	mg/l	10	1
<b>M-97 (2711080247)</b>		<b>Sampled on 11/07/07 05:50</b>						
	11/13/07 10:43	397146	( EPA 314 )	Perchlorate	78600	ug/l	10000	2500
11/13/07	11/13/07 00:00	397181	( ML/EPA 6010B )	Chromium, Total, ICAP	0.05	mg/l	0.010	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 15:26	397102	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
11/12/07	11/12/07 16:15	398051	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	3648	mg/l	10	1
<b>M-31A (2711080248)</b>		<b>Sampled on 11/07/07 08:17</b>						
	11/13/07 10:43	397146	( EPA 314 )	Perchlorate	1620000	ug/l	200000	50000
11/13/07	11/15/07 00:00	397181	( ML/EPA 6010B )	Chromium, Total, ICAP	12	mg/l	0.10	10
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:06	397103	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
11/12/07	11/12/07 16:15	398051	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6200	mg/l	10	1
<b>M-50 (2711080249)</b>		<b>Sampled on 11/07/07 08:46</b>						
	11/13/07 10:43	397146	( EPA 314 )	Perchlorate	960000	ug/l	100000	25000
11/13/07	11/15/07 00:00	397181	( ML/EPA 6010B )	Chromium, Total, ICAP	31	mg/l	0.10	10
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:06	397103	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
11/12/07	11/12/07 16:15	398051	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	15900	mg/l	10	1



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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>M-34 (2711080250)</b>		<b>Sampled on 11/07/07 09:08</b>						
	11/13/07 10:43	397146	( EPA 314 )	Perchlorate	1880000	ug/l	200000	50000
11/13/07	11/15/07 00:00	397181	( ML/EPA 6010B )	Chromium, Total, ICAP	17	mg/l	0.10	10
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:06	397103	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
11/12/07	11/12/07 16:15	398051	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7680	mg/l	10	1
<b>M-35 (2711080251)</b>		<b>Sampled on 11/07/07 09:21</b>						
	11/13/07 10:43	397146	( EPA 314 )	Perchlorate	351000	ug/l	40000	10000
11/13/07	11/13/07 00:00	397181	( ML/EPA 6010B )	Chromium, Total, ICAP	9.1	mg/l	0.010	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:06	397103	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6750	mg/l	10	1
<b>M-19 (2711080252)</b>		<b>Sampled on 11/07/07 09:37</b>						
	11/13/07 10:43	397146	( EPA 314 )	Perchlorate	1780	ug/l	400	100
11/13/07	11/13/07 00:00	397181	( ML/EPA 6010B )	Chromium, Total, ICAP	0.37	mg/l	0.010	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:06	397103	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	3820	mg/l	10	1
<b>M-39 (2711080253)</b>		<b>Sampled on 11/07/07 09:52</b>						
	11/13/07 10:43	397146	( EPA 314 )	Perchlorate	451000	ug/l	40000	10000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	4.8	mg/l	0.010	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:06	397103	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7820	mg/l	10	1
<b>M-68 (2711080254)</b>		<b>Sampled on 11/07/07 10:20</b>						
	11/13/07 10:43	397146	( EPA 314 )	Perchlorate	67000	ug/l	10000	2500
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	0.96	mg/l	0.010	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:06	397103	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6220	mg/l	10	1



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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>M-67 (2711080255)                    Sampled on 11/07/07 10:47</b>								
	11/13/07 10:43	397146	( EPA 314 )	Perchlorate	588000	ug/l	80000	20000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	6.4	mg/l	0.010	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:06	397103	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
11/13/07	11/13/07 08:50	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	9140	mg/l	10	1
<b>M-74 (2711080256)                    Sampled on 11/07/07 11:01</b>								
	11/13/07 10:43	397146	( EPA 314 )	Perchlorate	43800	ug/l	4000	1000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	0.82	mg/l	0.010	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:06	397103	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6230	mg/l	10	1
<b>M-73 (2711080257)                    Sampled on 11/07/07 11:22</b>								
	11/13/07 10:43	397146	( EPA 314 )	Perchlorate	295000	ug/l	20000	5000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	4.0	mg/l	0.010	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:06	397103	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
12/16/07	12/16/07 14:00	403490	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	4720 (HA)	mg/l	10	1
<b>M-88 (2711080258)                    Sampled on 11/07/07 11:34</b>								
	11/14/07 00:09	397156	( EPA 314 )	Perchlorate	50600	ug/l	4000	1000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	0.93	mg/l	0.010	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:44	397104	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	7020	mg/l	10	1
<b>I-K (2711080259)                    Sampled on 11/07/07 10:24</b>								
	11/14/07 00:09	397156	( EPA 314 )	Perchlorate	73900	ug/l	8000	2000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	1.1	mg/l	0.010	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:44	397104	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	5620	mg/l	10	1



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Monrovia, California 91016-3629  
Tel: 626 386 1100  
Fax: 626 386 1101  
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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>I-I (2711080260)</b>		<b>Sampled on 11/07/07 10:31</b>						
	11/14/07 00:09	397156	( EPA 314 )	Perchlorate	989000	ug/l	100000	25000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	21	mg/l	0.10	10
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:44	397104	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
11/13/07	11/13/07 08:50	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	16400	mg/l	10	1
<b>I-J (2711080261)</b>		<b>Sampled on 11/07/07 10:20</b>						
	11/14/07 00:09	397156	( EPA 314 )	Perchlorate	215000	ug/l	20000	5000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	2.7	mg/l	0.010	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:44	397104	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.5	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	6620	mg/l	10	1
<b>I-Z (2711080262)</b>		<b>Sampled on 11/07/07 10:29</b>						
	11/14/07 00:09	397156	( EPA 314 )	Perchlorate	634000	ug/l	100000	25000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	11	mg/l	0.10	10
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:44	397104	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	9800	mg/l	10	1
<b>I-V (2711080263)</b>		<b>Sampled on 11/07/07 10:35</b>						
	11/14/07 00:09	397156	( EPA 314 )	Perchlorate	1880000	ug/l	200000	50000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	23	mg/l	0.10	10
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:44	397104	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.3	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	14600	mg/l	10	1
<b>M-12A (2711080265)</b>		<b>Sampled on 11/07/07 12:12</b>						
	11/14/07 00:09	397156	( EPA 314 )	Perchlorate	339000	ug/l	40000	10000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	14	mg/l	0.10	10
	11/08/07 11:06	396138	( ML/EPS 7196 )	Hexavalent chromium (Cr VI)	14 (H3)	mg/l	0.50	100
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:44	397104	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	8.1	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	8060	mg/l	10	1



750 Royal Oaks Drive, Suite 100  
Monrovia, California 91016-3629  
Tel. 626 386 1100  
Fax. 626 386 1101  
1 800 506 LABS (1 800 566 5227)

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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>M-11 (2711080266)</b>		<b>Sampled on 11/07/07 12:57</b>						
	11/14/07 00:09	397156	( EPA 314 )	Perchlorate	33200	ug/l	4000	1000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	2.7	mg/l	0.010	1
	11/08/07 11:06	396138	( ML/EPS 7196 )	Hexavalent chromium (Cr VI)	2.4(H3)	mg/l	0.10	20
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:44	397104	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	8.0	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	3330	mg/l	10	1
<b>M-10 (2711080267)</b>		<b>Sampled on 11/07/07 02:00</b>						
	11/14/07 00:09	397156	( EPA 314 )	Perchlorate	26400	ug/l	4000	1000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	0.84	mg/l	0.010	1
	11/08/07 11:06	396138	( ML/EPS 7196 )	Hexavalent chromium (Cr VI)	0.03 (H3)	mg/l	0.0050	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:44	397104	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.2	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	3270	mg/l	10	1
<b>EB-2 (2711080268)</b>		<b>Sampled on 11/07/07 09:55</b>						
	11/14/07 00:09	397156	( EPA 314 )	Perchlorate	49	ug/l	8.0	2
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	ND	mg/l	0.010	1
	11/08/07 11:06	396138	( ML/EPS 7196 )	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 16:44	397104	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	6.2	Units	0.0010	1
11/13/07	11/13/07 08:50	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	12	mg/l	10	1
<b>MD-4 (2711080269)</b>		<b>Sampled on 11/07/07 00:00</b>						
	11/14/07 13:04	397710	( EPA 314 )	Perchlorate	961000	ug/l	100000	25000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	30	mg/l	0.10	10
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 15:27	397105	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
11/13/07	11/13/07 08:51	398054	( E160.1/SM2540C)	Total Dissolved Solid (TDS)	14900	mg/l	10	1



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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)

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Tronox LLC - Henderson  
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>MD-1 (2711080270)</b>				<b>Sampled on 11/07/07 00:00</b>				
	11/14/07 13:04	397710	( EPA 314 )	Perchlorate	330000	ug/l	40000	10000
11/15/07	11/16/07 00:00	398039	( ML/EPA 6010B )	Chromium, Total, ICAP	14	mg/l	0.10	10
	11/08/07 11:06	396138	( ML/EPS 7196 )	Hexavalent chromium (Cr VI)	14 (H3)	mg/l	0.50	100
	11/12/07 17:45		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/12/07 15:27	397105	( ML/EPA 9040B )	PH (H3=past HT, not compliant)	8.2	Units	0.0010	1
11/13/07	11/13/07 08:50	398054	( E160.1/SM2540C )	Total Dissolved Solid (TDS)	14900	mg/l	10	1





Tronox LLC - Henderson

QC Ref #0

- Metals Turbidity

Analysis Date: 11/09/2007

2711080246	M-92	Analyzed by: jrf
2711080246	M-92	Analyzed by: jrf
2711080247	M-97	Analyzed by: jrf
2711080247	M-97	Analyzed by: jrf
2711080248	M-31A	Analyzed by: jrf
2711080248	M-31A	Analyzed by: jrf
2711080249	M-50	Analyzed by: jrf
2711080249	M-50	Analyzed by: jrf
2711080250	M-34	Analyzed by: jrf
2711080250	M-34	Analyzed by: jrf
2711080251	M-35	Analyzed by: jrf
2711080251	M-35	Analyzed by: jrf
2711080252	M-19	Analyzed by: jrf
2711080252	M-19	Analyzed by: jrf
2711080253	M-39	Analyzed by: jrf
2711080253	M-39	Analyzed by: jrf
2711080254	M-68	Analyzed by: jrf
2711080254	M-68	Analyzed by: jrf
2711080255	M-67	Analyzed by: jrf
2711080255	M-67	Analyzed by: jrf
2711080256	M-74	Analyzed by: jrf
2711080256	M-74	Analyzed by: jrf
2711080257	M-73	Analyzed by: jrf
2711080257	M-73	Analyzed by: jrf
2711080258	M-88	Analyzed by: jrf
2711080258	M-88	Analyzed by: jrf
2711080259	I-K	Analyzed by: jrf
2711080259	I-K	Analyzed by: jrf
2711080260	I-I	Analyzed by: jrf
2711080260	I-I	Analyzed by: jrf
2711080261	I-J	Analyzed by: jrf
2711080261	I-J	Analyzed by: jrf
2711080262	I-Z	Analyzed by: jrf
2711080262	I-Z	Analyzed by: jrf
2711080263	I-V	Analyzed by: jrf
2711080263	I-V	Analyzed by: jrf
2711080265	M-12A	Analyzed by: jrf
2711080265	M-12A	Analyzed by: jrf
2711080266	M-11	Analyzed by: jrf
2711080266	M-11	Analyzed by: jrf
2711080267	M-10	Analyzed by: jrf
2711080267	M-10	Analyzed by: jrf
2711080268	EB-2	Analyzed by: jrf



Tronox LLC - Henderson  
(continued)

2711080268	EB-2	Analyzed by: jrf
2711080269	MD-4	Analyzed by: jrf
2711080269	MD-4	Analyzed by: jrf
2711080270	MD-1	Analyzed by: jrf
2711080270	MD-1	Analyzed by: jrf

QC Ref #396138 - Hexavalent chromium (Cr VI) Analysis Date: 11/08/2007

2711080265	M-12A	Analyzed by: wbh
2711080266	M-11	Analyzed by: wbh
2711080267	M-10	Analyzed by: wbh
2711080268	EB-2	Analyzed by: wbh
2711080270	MD-1	Analyzed by: wbh

QC Ref #397102 - PH (H3=past HT, not compliant) Analysis Date: 11/12/2007

2711080246	M-92	Analyzed by: yvette
2711080247	M-97	Analyzed by: yvette

QC Ref #397103 - PH (H3=past HT, not compliant) Analysis Date: 11/12/2007

2711080248	M-31A	Analyzed by: yvette
2711080249	M-50	Analyzed by: yvette
2711080250	M-34	Analyzed by: yvette
2711080251	M-35	Analyzed by: yvette
2711080252	M-19	Analyzed by: yvette
2711080253	M-39	Analyzed by: yvette
2711080254	M-68	Analyzed by: yvette
2711080255	M-67	Analyzed by: yvette
2711080256	M-74	Analyzed by: yvette
2711080257	M-73	Analyzed by: yvette

QC Ref #397104 - PH (H3=past HT, not compliant) Analysis Date: 11/12/2007

2711080258	M-88	Analyzed by: yvette
2711080259	I-K	Analyzed by: yvette
2711080260	I-I	Analyzed by: yvette
2711080261	I-J	Analyzed by: yvette
2711080262	I-Z	Analyzed by: yvette
2711080263	I-V	Analyzed by: yvette



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(continued)

2711080265	M-12A	Analyzed by: yvette
2711080266	M-11	Analyzed by: yvette
2711080267	M-10	Analyzed by: yvette
2711080268	EB-2	Analyzed by: yvette

QC Ref #397105 - PH (H3=past HT, not compliant) Analysis Date: 11/12/2007

2711080269	MD-4	Analyzed by: yvette
2711080270	MD-1	Analyzed by: yvette

QC Ref #397146 - Perchlorate

Analysis Date: 11/13/2007

2711080246	M-92	Analyzed by: clv
2711080247	M-97	Analyzed by: clv
2711080248	M-31A	Analyzed by: clv
2711080249	M-50	Analyzed by: clv
2711080250	M-34	Analyzed by: clv
2711080251	M-35	Analyzed by: clv
2711080252	M-19	Analyzed by: clv
2711080253	M-39	Analyzed by: clv
2711080254	M-68	Analyzed by: clv
2711080255	M-67	Analyzed by: clv
2711080256	M-74	Analyzed by: clv
2711080257	M-73	Analyzed by: clv

QC Ref #397156 - Perchlorate

Analysis Date: 11/14/2007

2711080258	M-88	Analyzed by: clv
2711080259	I-K	Analyzed by: clv
2711080260	I-I	Analyzed by: clv
2711080261	I-J	Analyzed by: clv
2711080262	I-Z	Analyzed by: clv
2711080263	I-V	Analyzed by: clv
2711080265	M-12A	Analyzed by: clv
2711080266	M-11	Analyzed by: clv
2711080267	M-10	Analyzed by: clv
2711080268	EB-2	Analyzed by: clv



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(continued)

QC Ref #397181 - Chromium, Total, ICAP

Analysis Date: 11/13/2007

2711080246	M-92	Analyzed by: ste
2711080247	M-97	Analyzed by: ste
2711080248	M-31A	Analyzed by: ste
2711080249	M-50	Analyzed by: ste
2711080250	M-34	Analyzed by: ste
2711080251	M-35	Analyzed by: ste
2711080252	M-19	Analyzed by: ste

QC Ref #397710 - Perchlorate

Analysis Date: 11/14/2007

2711080269	MD-4	Analyzed by: clv
2711080270	MD-1	Analyzed by: clv

QC Ref #398039 - Chromium, Total, ICAP

Analysis Date: 11/16/2007

2711080253	M-39	Analyzed by: ste
2711080254	M-68	Analyzed by: ste
2711080255	M-67	Analyzed by: ste
2711080256	M-74	Analyzed by: ste
2711080257	M-73	Analyzed by: ste
2711080258	M-88	Analyzed by: ste
2711080259	I-K	Analyzed by: ste
2711080260	I-I	Analyzed by: ste
2711080261	I-J	Analyzed by: ste
2711080262	I-Z	Analyzed by: ste
2711080263	I-V	Analyzed by: ste
2711080265	M-12A	Analyzed by: ste
2711080266	M-11	Analyzed by: ste
2711080267	M-10	Analyzed by: ste
2711080268	EB-2	Analyzed by: ste
2711080269	MD-4	Analyzed by: ste
2711080270	MD-1	Analyzed by: ste



Tronox LLC - Henderson  
(continued)

QC Ref #398051 - Total Dissolved Solid (TDS) Analysis Date: 11/12/2007

2711080246	M-92	Analyzed by: axa
2711080247	M-97	Analyzed by: axa
2711080248	M-31A	Analyzed by: axa
2711080249	M-50	Analyzed by: axa
2711080250	M-34	Analyzed by: axa

QC Ref #398054 - Total Dissolved Solid (TDS) Analysis Date: 11/13/2007

2711080251	M-35	Analyzed by: axa
2711080252	M-19	Analyzed by: axa
2711080253	M-39	Analyzed by: axa
2711080254	M-68	Analyzed by: axa
2711080255	M-67	Analyzed by: axa
2711080256	M-74	Analyzed by: axa
2711080258	M-88	Analyzed by: axa
2711080259	I-K	Analyzed by: axa
2711080260	I-I	Analyzed by: axa
2711080261	I-J	Analyzed by: axa
2711080262	I-Z	Analyzed by: axa
2711080263	I-V	Analyzed by: axa
2711080265	M-12A	Analyzed by: axa
2711080266	M-11	Analyzed by: axa
2711080267	M-10	Analyzed by: axa
2711080268	EB-2	Analyzed by: axa
2711080269	MD-4	Analyzed by: axa
2711080270	MD-1	Analyzed by: axa

QC Ref #403490 - Total Dissolved Solid (TDS) Analysis Date: 12/16/2007

2711080257	M-73	Analyzed by: axa
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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)

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**QC Ref #396138                  Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	11080268	MGL		( 0-0 )	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.050	MGL	100.0	( 85-115 )	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.051	MGL	102.0	( 85-115 )	
MBLK	Hexavalent chromium (Cr VI)	ND	<0.0050	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.006	MGL	120.0	( 50-150 )	
MS	Hexavalent chromium (Cr VI)	0.05	0.047	MGL	94.0	( 70-130 )	
MSD	Hexavalent chromium (Cr VI)	0.05	0.047	MGL	94.0	( 70-130 )	

**QC Ref #397102                  PH (H3=past HT, not compliant)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.54	7.53	UNIT		( 0-20 )	0.1

**QC Ref #397103                  PH (H3=past HT, not compliant)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.55	7.55	UNIT		( 0-20 )	0.0

**QC Ref #397104                  PH (H3=past HT, not compliant)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	6.21	6.10	UNIT		( 0-20 )	1.8

**QC Ref #397105                  PH (H3=past HT, not compliant)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.67	7.68	UNIT		( 0-20 )	0.1

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  
(continued)

QC Ref #397146      Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	11080021	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	27.3	UGL	109.2	( 85-115 )	
LCS2	Perchlorate	25.0	26.9	UGL	107.6	( 85-115 )	
LCS3	Perchlorate	4	4.11	UGL	102.8	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.8	UGL	99.2	( 80-120 )	
MSD	Perchlorate	25.0	25.1	UGL	100.4	( 80-120 )	
RPD_LCS	Perchlorate	109.200	107.600	UGL	1.5	( 0-15 )	
RPD_MS	Perchlorate	99.200	100.400	UGL	1.0	( 0-15 )	

QC Ref #397156      Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	11080268	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	27.2	UGL	108.8	( 85-115 )	
LCS2	Perchlorate	25.0	26.6	UGL	106.4	( 85-115 )	
LCS3	Perchlorate	4	3.96	UGL	99.0	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.1	UGL	88.4	( 80-120 )	
MSD	Perchlorate	25.0	22.0	UGL	88.0	( 80-120 )	
RPD_LCS	Perchlorate	108.800	106.400	UGL	2.2	( 0-15 )	
RPD_MS	Perchlorate	88.400	88.000	UGL	1.0	( 0-15 )	

QC Ref #397181      Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.961	MGL	96.1	( 85-115 )	
LCS2	Chromium, Total, ICAP	1.00	0.956	MGL	95.6	( 85-115 )	
MBLK	Chromium, Total, ICAP	ND	<0.010	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.



Tronox LLC - Henderson  
(continued)

MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	( 50-150 )
MS2	Chromium, Total, ICAP	1.00	0.973	MGL	97.3	( 70-130 )
MSD2	Chromium, Total, ICAP	1.00	0.971	MGL	97.1	( 70-130 )

QC Ref #397710      Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	11130382	UGL		( 0-0 )	
LCS1	Perchlorate	25.0	27.0	UGL	108.0	( 85-115 )	
LCS2	Perchlorate	25.0	26.5	UGL	106.0	( 85-115 )	
LCS3	Perchlorate	4	4.62	UGL	115.5	( 75-125 )	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.0	UGL	88.0	( 80-120 )	
MSD	Perchlorate	25.0	22.3	UGL	89.2	( 80-120 )	
RPD_LCS	Perchlorate	108.000	106.000	UGL	1.9	( 0-15 )	
RPD_MS	Perchlorate	88.000	89.200	UGL	1.0	( 0-15 )	

QC Ref #398039      Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.951	MGL	95.1	( 85-115 )	
LCS2	Chromium, Total, ICAP	1.00	0.934	MGL	93.4	( 85-115 )	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.009	MGL	90.0	( 50-150 )	
MS	Chromium, Total, ICAP	1.00	0.851	MGL	85.1	( 70-130 )	
MS2	Chromium, Total, ICAP	1.00	0.979	MGL	97.9	( 70-130 )	
MSD	Chromium, Total, ICAP	1.00	0.887	MGL	88.7	( 70-130 )	
MSD2	Chromium, Total, ICAP	1.00	0.983	MGL	98.3	( 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.





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)

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**QC Ref #398051            Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	11060335	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	674	678	MGL		( 0-10 )	0.6
LCS1	Total Dissolved Solid (TDS)	175	168	MGL	96.0	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	694	MGL	99.1	( 80-114 )	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	6	MGL	60.0	( 50-150 )	
RPD_LCS	Total Dissolved Solid (TDS)	96.000	99.143	MGL	3.2	( 0-20 )	

**QC Ref #398054            Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	11080251	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	6770	6750	MGL		( 0-10 )	0.3
LCS1	Total Dissolved Solid (TDS)	175	174	MGL	99.4	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	696	MGL	99.4	( 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)	99.429	99.429	MGL	0.0	( 0-20 )	

**QC Ref #403490            Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	11090130	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	3420	3420	MGL		( 0-10 )	0.0
LCS1	Total Dissolved Solid (TDS)	175	178	MGL	101.7	( 80-114 )	
LCS2	Total Dissolved Solid (TDS)	700	710	MGL	101.4	( 80-114 )	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	12	MGL	120.0	( 50-150 )	
RPD_LCS	Total Dissolved Solid (TDS)	101.714	101.429	MGL	0.3	( 0-20 )	

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**MWH Laboratories**  
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Laboratory  
QC Report  
#221809

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)

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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.