



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

DATE OF ISSUE
May 27 2008
MWH LABORATORIES

ADE Andy Eaton
Project Manager



Report#: 239631
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].



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)

May 29, 2008

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

Subject: Case Narrative report 239631

Enclosed is MWH Laboratories Report 239631

Sample receipt: The samples arrived at MWH Laboratories, Monrovia, CA on May 6, 2008 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:

Samples for hexavalent chromium were received past the 24 hour RCRA holding time and are flagged accordingly.

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



239631

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: *WJD*

SAMPLE TEMP. RECEIPT AT LAB: *4°C*

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME
KERRMCGEE-MP
Sampler: *Michele Brown*
Susan Crowley (702) 651-2234

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

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 *	GRAB	COMP	CR 6010	PH 9040	TDS	CRVI 7196	CL03 9056	NO3 9056	See Bottle Order	SAMPLER Comments
1014	5-5-08		PC-54	RGW	X		X	X	X					2 Bottles
1040	5-5-08		M-48	RGW	X		X	X	X		X			4 Bottles
856	5-5-08		PC-37	RGW	X		X	X	X					2 Bottles
925	5-5-08		PC-71	RGW	X		X	X	X					2 Bottles
938	5-5-08		PC-72	RGW	X		X	X	X					2 Bottles
955	5-5-08		PC-73	RGW	X		X	X	X					2 Bottles
1100	5-5-08		M-23	RGW	X		X	X	X					4 Bottles
	5-5-08		M-94	RGW	X		X	X	X	X				NO SAMPLES
1119	5-5-08		M-44	RGW	X		X	X	X	X				3 Bottles
M-38	5-5-08		FB-1	RGW	X		X	X	X					2 Bottles
	5-5-08		MD-1	RGW	X		X	X	X	X				3 Bottles
	5-5-08		MD-5	RGW	X		X	X	X	X				4 Bottles

* MATRIX TYPES:

Reported by Volume:
CFW = Chlorinated 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

SIGNATURE

Michele Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water NA for Tronox LLC - Henderson Plant

TIME

12:00PM

DATE

5-5-08

RELINQUISHED BY:

RECEIVED BY:

M. DEMESA

DATE

5-6-08

1:00

RELINQUISHED BY:

RECEIVED BY:

SCANNED



750 Royal Oaks Ave, Suite 100, Monrovia, CA 91016
(626) 366-1100 (800) 566-5227

MVLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: YB

SAMPLE TEMP, RECEIPT AT LAB: 4c

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: PROJECT JOB # / P.O.#
 KERRMCGEE-MP Quaterly Groundwater Sampling
 Sampler: Michele Brown Schedule B
 Location: Tronox LLC - Henderson Plant
 PO Box 55
 Henderson, NV 89009
 Susan Crowley (702) 651-2234

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX	GRAB	COMP	CR 6010	PH 9040	TDS	CL04	CRM 7196	CL03 9056	NO3 9056	See Bottle Order	SAMPLER Comments
5:50	5-5-08		PC-123	RGW	X		X	X	X	X					2 Bottles
6:05	5-5-08		PC-124	RGW	X		X	X	X	X		X			4 Bottles
6:17	5-5-08		PC-125	RGW	X		X	X	X	X					2 Bottles
6:29	5-5-08		PC-126	RGW	X		X	X	X	X		X			4 Bottles
6:45	5-5-08		PC-127	RGW	X		X	X	X	X					2 Bottles
7:04	5-5-08		PC-128	RGW	X		X	X	X	X					4 Bottles
7:24	5-5-08		PC-129	RGW	X		X	X	X	X					2 Bottles
-	5-5-08		PC-130	RGW	X		X	X	X	X		X		NO SAMPLE	0 Bottles
7:45	5-5-08		PC-131	RGW	X		X	X	X	X					2 Bottles
8:00	5-5-08		PC-132	RGW	X		X	X	X	X		X			4 Bottles
8:39	5-5-08		M-95	RGW	X		X	X	X	X					2 Bottles
8:47	5-5-08		M-96	RGW	X		X	X	X	X					2 Bottles

* MATRIX TYPES: Reported by Volume:
 CFW = Chlorinated 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: Michele Brown SIGNATURE
 RECEIVED BY: M. Brown PRINT NAME
 COMPANY/TITLE: Veolia Water NA for Tronox LLC - Henderson Plant
 DATE: 5-5-08 TIME: 12:00PM
 RECEIVED BY: M. Brown
 RECEIVED BY:





MWH Laboratories, a Division of MWH Americas, Inc.
750 Royal Oaks Avenue Suite 100
Montevia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for Ironox LLC- Henderson

Andrew Eaton..... Your MWL Project Manager
(626) 386-1125..... Direct Phone/Voice Mail

Client Code KERRMCGEE-MP

Project Code CLO4

PO# / Job#

Blanket PO

SO# 41487 26973 RS

Sampler: Please Return this Paper with your samples

Created by MWH

Order Date

03/10/06

Date Needed by Client

Ship Sample Kits to

Ironox 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

Date Samples Arrive at MWL

ATTN: Susan Crowley

PHONE: 702-651-2234

ATTN: Susan Crowley

PHONE: 702-651-2234

FAX: 702-651-2310

Quote#

MWH

SHIP LOCATION

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 - PLEASE PUT LABELS ON BOTTLES; PLEASE PUT IN 4 COOLERS SINCE SAMPLING TAKES 3-4 DAYS
101	CLO4, TDS, PH9040	1 500 ml poly /no preservative		second quarter only
15	CRV17196	1 125ml poly acid rinsed/ no preservative		NOTIFY LAB AS SOON AS CR-VI COMES IN.- 24HR ht
22	NO39056	1 125ml poly/ no preservative		TDS count increased to 101 effective 6/16/06;; deleted EC as of 7-14-06
22	CLO39056	1 60ml poly+0.60 mL 5% EDA sol'n	UN 1604	

SCANNED

iveCode Status Date Shipped Carrier City of Coolers Tracking Number Prepared By

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



CL81287872124

Ship Date: 05MAY08
ActWgt: 55 LB
System#: 2274147/INET8011
Account#: S *****

Delivery Address Bar Code

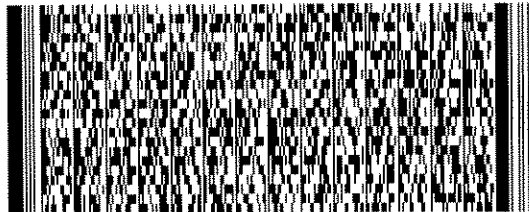


Ref # MSO #143090 -55 Lbs
Invoice #
PO #
Dept #

SHIP TO: 6265686400 BILL SENDER

ATTN: SAMPLE RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS DR # 100

MONROVIA, CA 910163629

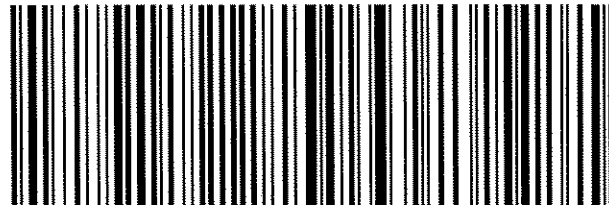


TRK# 7926 9468 3378
0201

TUE - 06MAY A2
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CA-US
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SCANNED

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: 143090

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 Federal Express		Date 05/05/08	FROM NO. STATION: STATE Henderson, NV 89015
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400		Authorization S. CROWLEY	
FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect		FULL NAME OF SHIPPER TRONOX LLC	
N/A/R		CUSTOMER PO OR REQ'N NO.	CODE NO. WCN IS 1321.10400
SHIPPED FROM Henderson, NV		f 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
	Ice chest with water samples Monitoring Wells quarterly One ice chest @ 70 One ice chest @55 Not Regulated		2 Coolers
TRUCK SHIPMENTS PLACARDS OFFERED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO PLACARDS ACCEPTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		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.	
NUMBER OF PACKAGES	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
1	TOTAL GROSS WEIGHT 125	TOTAL TARE WEIGHT 0	125
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	
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 Lemma Hunde	AGENT	PER

SCANNED

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



CL5126767/2124

Ship Date: 05MAY08
ActWgt: 70 LB
System#: 2274147/INET8011
Account#: S *****

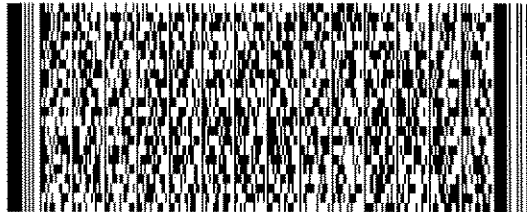
Delivery Address Bar Code



Ref # MSO #143090 -70 Lbs
Invoice #
PO #
Dept #

SHIP TO: 6265686400 BILL SENDER
ATTN: SAMPLE RECEIVING
MONTGOMERY WATSON LABS
750 ROYAL OAKS DR # 100

MONROVIA, CA 910163629

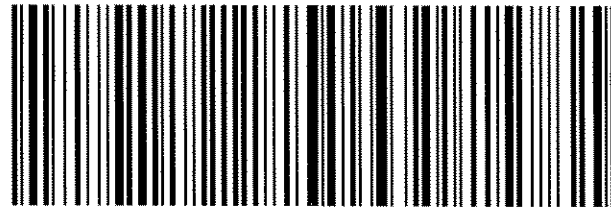


TRK# 7926 9468 2533
0201

TUE - 06MAY A2
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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#: 239631
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **05/06/08**. 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
2805060277	PC-54	CLO4 CR6010	Water	05-may-2008 10:14:00
			P PH9040	T TDS
2805060278	M-48	CLO39056 CLO4 CR6010	Water	05-may-2008 10:40:00
		T TDS	NO39056 P	PH9040
2805060279	PC-37	CLO4 CR6010	Water	05-may-2008 08:56:00
			P PH9040	T TDS
2805060280	PC-71	CLO4 CR6010	Water	05-may-2008 09:25:00
			P PH9040	T TDS
2805060281	PC-72	CLO4 CR6010	Water	05-may-2008 09:38:00
			P PH9040	T TDS
2805060282	PC-73	CLO4 CR6010	Water	05-may-2008 09:55:00
			P PH9040	T TDS
2805060290	M-23	CLO39056 CLO4 CR6010	Water	05-may-2008 11:00:00
		T TDS	NO39056 P	PH9040
2805060291	M-44	CLO4 CR6010	Water	05-may-2008 11:19:00
		TDS	CRVI7196 P	PH9040 T
2805060293	FB-1	CLO4 CR6010	Water	05-may-2008 07:38:00
			P PH9040	T TDS
2805060294	MD-1	CLO4 CR6010	Water	05-may-2008 00:00:00
		TDS	CRVI7196 P	PH9040 T
2805060303	MD-5	CLO39056 CLO4 CR6010	Water	05-may-2008 00:00:00
		T TDS	NO39056 P	PH9040
2805060305	PC-123	CLO4 CR6010	Water	05-may-2008 05:50:00
			P PH9040	T TDS
2805060311	PC-124	CLO39056 CLO4 CR6010	Water	05-may-2008 06:05:00
		T TDS	NO39056 P	PH9040
2805060312	PC-125	CLO4 CR6010	Water	05-may-2008 06:17:00
			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#: 239631
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2805060313	PC-126	CLO39056 CLO4 T TDS	Water CR6010 NO39056 P	05-may-2008 06:29:00 PH9040
2805060314	PC-127	CLO4 CR6010	Water P	05-may-2008 06:45:00 PH9040 T TDS
2805060315	PC-128	CLO39056 CLO4 T TDS	Water CR6010 NO39056 P	05-may-2008 07:04:00 PH9040
2805060316	PC-129	CLO4 CR6010	Water P	05-may-2008 07:24:00 PH9040 T TDS
2805060317	PC-131	CLO4 CR6010	Water P	05-may-2008 07:45:00 PH9040 T TDS
2805060318	PC-132	CLO39056 CLO4 T TDS	Water CR6010 NO39056 P	05-may-2008 08:00:00 PH9040
2805060319	M-95	CLO4 CR6010	Water P	05-may-2008 08:39:00 PH9040 T TDS
2805060320	M-96	CLO4 CR6010	Water P	05-may-2008 08:27:00 PH9040 T TDS

Test Acronym Description

Test Acronym	Description
CLO39056	Chlorate by IC
CLO4	Perchlorate
CR6010	Chromium, Total, ICAP
CRVI7196	Hexavalent chromium (Cr VI)
NO39056	Nitrate as Nitrogen by IC
P	Metals sample pH
PH9040	PH (H3=past HT, not compliant)
T	Metals Turbidity
TDS	Total Dissolved Solid (TDS)



MWH Laboratories

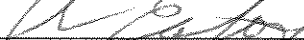
A Division of MWH Americas, Inc.

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)

Report
Comments
#239631

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#: 2805060291)

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

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

(QC Ref#: 2805060294)

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

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



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Laboratory
 Hits Report
 #239631

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

Samples Received
 06-may-2008 13:59:52

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2805060277	PC-54				
05/18/08		Chromium, Total, ICAP	2.3		mg/l	0.020
05/15/08		Metals digestion performed.	Y		Yes/No	
05/06/08		PH (H3=past HT, not compliant)	7.7		Units	0.0010
05/08/08		Perchlorate	275000		ug/l	40000
05/06/08		Total Dissolved Solid (TDS)	6020	500	mg/l	10
	2805060278	M-48				
05/09/08		Chlorate by IC	491000		ug/l	50000
05/18/08		Chromium, Total, ICAP	1.5		mg/l	0.020
05/15/08		Metals digestion performed.	Y		Yes/No	
05/06/08		Nitrate as Nitrogen by IC	17.8		mg/l	2.5
05/06/08		PH (H3=past HT, not compliant)	7.8		Units	0.0010
05/09/08		Perchlorate	227000		ug/l	20000
05/06/08		Total Dissolved Solid (TDS)	3120	500	mg/l	10
	2805060279	PC-37				
05/18/08		Chromium, Total, ICAP	0.15		mg/l	0.020
05/15/08		Metals digestion performed.	Y		Yes/No	
05/06/08		PH (H3=past HT, not compliant)	7.7		Units	0.0010
05/09/08		Perchlorate	277000		ug/l	40000
05/06/08		Total Dissolved Solid (TDS)	6900	500	mg/l	10
	2805060280	PC-71				
05/18/08		Chromium, Total, ICAP	0.43		mg/l	0.020
05/15/08		Metals digestion performed.	Y		Yes/No	
05/06/08		PH (H3=past HT, not compliant)	7.7		Units	0.0010
05/09/08		Perchlorate	464000		ug/l	100000

SUMMARY OF POSITIVE DATA ONLY.



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
 #239631

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

Samples Received
 06-may-2008 13:59:52

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2805060280	PC-71				
05/06/08	Total Dissolved Solid (TDS)		8080	500	mg/l	10
	2805060281	PC-72				
05/18/08	Chromium, Total, ICAP		0.29		mg/l	0.020
05/15/08	Metals digestion performed.		Y		Yes/No	
05/06/08	PH (H3=past HT, not compliant)		7.7		Units	0.0010
05/09/08	Perchlorate		286000		ug/l	40000
05/06/08	Total Dissolved Solid (TDS)		6990	500	mg/l	10
	2805060282	PC-73				
05/18/08	Chromium, Total, ICAP		0.40		mg/l	0.020
05/15/08	Metals digestion performed.		Y		Yes/No	
05/06/08	PH (H3=past HT, not compliant)		7.7		Units	0.0010
05/09/08	Perchlorate		343000		ug/l	40000
05/06/08	Total Dissolved Solid (TDS)		6910	500	mg/l	10
	2805060290	M-23				
05/09/08	Chlorate by IC		433000		ug/l	50000
05/18/08	Chromium, Total, ICAP		0.73		mg/l	0.020
05/15/08	Metals digestion performed.		Y		Yes/No	
05/06/08	Nitrate as Nitrogen by IC		53		mg/l	2.5
05/06/08	PH (H3=past HT, not compliant)		7.8		Units	0.0010
05/09/08	Perchlorate		487000		ug/l	40000
05/06/08	Total Dissolved Solid (TDS)		4430	500	mg/l	10
	2805060291	M-44				

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Samples Received
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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2805060291	M-44				
05/18/08		Chromium, Total, ICAP	0.86		mg/l	0.020
05/06/08		Hexavalent chromium (Cr VI)	0.87		mg/l	0.025
05/15/08		Metals digestion performed.	Y		Yes/No	
05/06/08		PH (H3=past HT, not compliant)	7.7		Units	0.0010
05/09/08		Perchlorate	644000		ug/l	100000
05/06/08		Total Dissolved Solid (TDS)	8070	500	mg/l	10
	2805060293	FB-1				
05/15/08		Metals digestion performed.	Y		Yes/No	
05/06/08		PH (H3=past HT, not compliant)	5.7		Units	0.0010
	2805060294	MD-1				
05/18/08		Chromium, Total, ICAP	0.84		mg/l	0.020
05/06/08		Hexavalent chromium (Cr VI)	0.86		mg/l	0.025
05/15/08		Metals digestion performed.	Y		Yes/No	
05/06/08		PH (H3=past HT, not compliant)	7.7		Units	0.0010
05/09/08		Perchlorate	674000		ug/l	40000
05/06/08		Total Dissolved Solid (TDS)	7290	500	mg/l	10
	2805060303	MD-5				
05/09/08		Chlorate by IC	387000		ug/l	50000
05/18/08		Chromium, Total, ICAP	0.72		mg/l	0.020
05/15/08		Metals digestion performed.	Y		Yes/No	
05/06/08		Nitrate as Nitrogen by IC	32		mg/l	2.5
05/06/08		PH (H3=past HT, not compliant)	7.8		Units	0.0010
05/09/08		Perchlorate	480000		ug/l	100000
05/06/08		Total Dissolved Solid (TDS)	4520	500	mg/l	10

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2805060303	MD-5				
	2805060305	PC-123				
05/18/08	Chromium, Total, ICAP		1.8		mg/l	0.020
05/15/08	Metals digestion performed.		Y		Yes/No	
05/06/08	PH (H3=past HT, not compliant)		7.7		Units	0.0010
05/09/08	Perchlorate		415000		ug/l	40000
05/06/08	Total Dissolved Solid (TDS)		7240	500	mg/l	10
	2805060311	PC-124				
05/09/08	Chlorate by IC		82700		ug/l	5000
05/18/08	Chromium, Total, ICAP		0.029		mg/l	0.020
05/15/08	Metals digestion performed.		Y		Yes/No	
05/06/08	Nitrate as Nitrogen by IC		17		mg/l	2.5
05/06/08	PH (H3=past HT, not compliant)		7.7		Units	0.0010
05/09/08	Perchlorate		4540		ug/l	800
05/06/08	Total Dissolved Solid (TDS)		6120	500	mg/l	10
	2805060312	PC-125				
05/18/08	Chromium, Total, ICAP		0.031		mg/l	0.020
05/15/08	Metals digestion performed.		Y		Yes/No	
05/06/08	PH (H3=past HT, not compliant)		7.7		Units	0.0010
05/09/08	Perchlorate		5500		ug/l	800
05/06/08	Total Dissolved Solid (TDS)		6430	500	mg/l	10
	2805060313	PC-126				
05/09/08	Chlorate by IC		191000		ug/l	50000

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2805060313	PC-126				
05/18/08	Chromium, Total, ICAP		0.080		mg/l	0.020
05/15/08	Metals digestion performed.		Y		Yes/No	
05/06/08	Nitrate as Nitrogen by IC		37		mg/l	5.0
05/06/08	PH (H3=past HT, not compliant)		7.6		Units	0.0010
05/09/08	Perchlorate		9940		ug/l	2000
05/06/08	Total Dissolved Solid (TDS)		8750	500	mg/l	10
	2805060314	PC-127				
05/18/08	Chromium, Total, ICAP		1.9		mg/l	0.020
05/15/08	Metals digestion performed.		Y		Yes/No	
05/06/08	PH (H3=past HT, not compliant)		7.7		Units	0.0010
05/09/08	Perchlorate		430000		ug/l	40000
05/06/08	Total Dissolved Solid (TDS)		7350	500	mg/l	10
	2805060315	PC-128				
05/09/08	Chlorate by IC		191000		ug/l	50000
05/18/08	Chromium, Total, ICAP		0.15		mg/l	0.020
05/15/08	Metals digestion performed.		Y		Yes/No	
05/06/08	Nitrate as Nitrogen by IC		8.6		mg/l	2.5
05/06/08	PH (H3=past HT, not compliant)		7.8		Units	0.0010
05/09/08	Perchlorate		193000		ug/l	20000
05/06/08	Total Dissolved Solid (TDS)		5610	500	mg/l	10
	2805060316	PC-129				
05/18/08	Chromium, Total, ICAP		0.73		mg/l	0.020
05/15/08	Metals digestion performed.		Y		Yes/No	
05/06/08	PH (H3=past HT, not compliant)		7.7		Units	0.0010

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2805060316	PC-129				
05/09/08	Perchlorate		415000		ug/l	40000
05/06/08	Total Dissolved Solid (TDS)		6640	500	mg/l	10
	2805060317	PC-131				
05/15/08	Metals digestion performed.		Y		Yes/No	
05/06/08	PH (H3=past HT, not compliant)		7.8		Units	0.0010
05/09/08	Perchlorate		8470		ug/l	2000
05/06/08	Total Dissolved Solid (TDS)		8800	500	mg/l	10
	2805060318	PC-132				
05/09/08	Chlorate by IC		2180		ug/l	500
05/15/08	Metals digestion performed.		Y		Yes/No	
05/06/08	PH (H3=past HT, not compliant)		7.8		Units	0.0010
05/09/08	Perchlorate		2470		ug/l	400
05/06/08	Total Dissolved Solid (TDS)		8800	500	mg/l	10
	2805060319	M-95				
05/18/08	Chromium, Total, ICAP		1.3		mg/l	0.020
05/15/08	Metals digestion performed.		Y		Yes/No	
05/06/08	PH (H3=past HT, not compliant)		7.7		Units	0.0010
05/09/08	Perchlorate		541000		ug/l	100000
05/06/08	Total Dissolved Solid (TDS)		7240	500	mg/l	10
	2805060320	M-96				
05/18/08	Chromium, Total, ICAP		1.3		mg/l	0.020
05/15/08	Metals digestion performed.		Y		Yes/No	

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Samples Received
 06-may-2008 13:59:52

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2805060320	M-96				
05/06/08	PH (H3=past HT, not compliant)		7.8		Units	0.0010
05/09/08	Perchlorate		321000		ug/l	40000
05/06/08	Total Dissolved Solid (TDS)		6500	500	mg/l	10



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Samples Received
05/06/08

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-54 (2805060277) Sampled on 05/05/08 10:14								
	05/08/08 20:17	426012	(EPA 314	) Perchlorate	275000	ug/l	40000	10000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B	) Chromium, Total, ICAP	2.3	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425399	(ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6020	mg/l	10	1
M-48 (2805060278) Sampled on 05/05/08 10:40								
	05/09/08 01:56	425936	(ML/EPA 9056	) Chlorate by IC	491000	ug/l	50000	5000
	05/09/08 00:01	426012	(EPA 314	) Perchlorate	227000	ug/l	20000	5000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B	) Chromium, Total, ICAP	1.5	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 19:43	426310	(ML/EPA 9056	) Nitrate as Nitrogen by IC	17.8	mg/l	2.5	25
	05/06/08 00:00	425399	(ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	3120	mg/l	10	1
PC-37 (2805060279) Sampled on 05/05/08 08:56								
	05/09/08 00:01	426012	(EPA 314	) Perchlorate	277000	ug/l	40000	10000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B	) Chromium, Total, ICAP	0.15	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425399	(ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6900	mg/l	10	1
PC-71 (2805060280) Sampled on 05/05/08 09:25								
	05/09/08 00:01	426012	(EPA 314	) Perchlorate	464000	ug/l	100000	25000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B	) Chromium, Total, ICAP	0.43	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep	) Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425399	(ML/EPA 9040B	) PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8080	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-72 (2805060281) Sampled on 05/05/08 09:38								
	05/09/08 00:01	426012	(EPA 314)	Perchlorate	286000	ug/l	40000	10000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	0.29	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425399	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6990	mg/l	10	1
PC-73 (2805060282) Sampled on 05/05/08 09:55								
	05/09/08 00:01	426012	(EPA 314)	Perchlorate	343000	ug/l	40000	10000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	0.40	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425399	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6910	mg/l	10	1
M-23 (2805060290) Sampled on 05/05/08 11:00								
	05/09/08 01:56	425936	(ML/EPA 9056)	Chlorate by IC	433000	ug/l	50000	5000
	05/09/08 00:01	426012	(EPA 314)	Perchlorate	487000	ug/l	40000	10000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	0.73	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 19:18	426311	(ML/EPA 9056)	Nitrate as Nitrogen by IC	53	mg/l	2.5	25
	05/06/08 00:00	425399	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4430	mg/l	10	1
M-44 (2805060291) Sampled on 05/05/08 11:19								
	05/09/08 00:01	426012	(EPA 314)	Perchlorate	644000	ug/l	100000	25000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	0.86	mg/l	0.020	2
	05/06/08 16:52	426006	(ML/EPA 7196)	Hexavalent chromium (Cr VI)	0.87(H3)	mg/l	0.025	5
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425399	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8070	mg/l	10	1



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(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
FB-1 (2805060293)					Sampled on 05/05/08 07:38			
	05/09/08 00:01	426012	(EPA 314)	Perchlorate	ND	ug/l	4.0	1
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425400	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	5.7	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	ND	mg/l	10	1
MD-1 (2805060294)					Sampled on 05/05/08 00:00			
	05/09/08 00:01	426012	(EPA 314)	Perchlorate	674000	ug/l	40000	10000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	0.84	mg/l	0.020	2
	05/06/08 16:52	426006	(ML/EPA 7196)	Hexavalent chromium (Cr VI)	0.86 (H3)	mg/l	0.025	5
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425399	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7290	mg/l	10	1
MD-5 (2805060303)					Sampled on 05/05/08 00:00			
	05/09/08 01:56	425936	(ML/EPA 9056)	Chlorate by IC	387000	ug/l	50000	5000
	05/09/08 00:01	426012	(EPA 314)	Perchlorate	480000	ug/l	100000	25000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	0.72	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 19:17	426310	(ML/EPA 9056)	Nitrate as Nitrogen by IC	32	mg/l	2.5	25
	05/06/08 00:00	425399	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	4520	mg/l	10	1
PC-123 (2805060305)					Sampled on 05/05/08 05:50			
	05/09/08 00:01	426012	(EPA 314)	Perchlorate	415000	ug/l	40000	10000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	1.8	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425400	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7240	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-124 (2805060311) Sampled on 05/05/08 06:05								
	05/09/08 01:56	425936	(ML/EPA 9056)	Chlorate by IC	82700	ug/l	5000	500
	05/09/08 00:01	426012	(EPA 314)	Perchlorate	4540	ug/l	800	200
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	0.029	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 19:31	426311	(ML/EPA 9056)	Nitrate as Nitrogen by IC	17	mg/l	2.5	25
	05/06/08 00:00	425400	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/08	05/06/08 08:45	426528	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6120	mg/l	10	1
PC-125 (2805060312) Sampled on 05/05/08 06:17								
	05/09/08 07:29	426013	(EPA 314)	Perchlorate	5500	ug/l	800	200
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	0.031	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425400	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/08	05/06/08 08:45	426528	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6430	mg/l	10	1
PC-126 (2805060313) Sampled on 05/05/08 06:29								
	05/09/08 01:56	425936	(ML/EPA 9056)	Chlorate by IC	191000	ug/l	50000	5000
	05/09/08 07:29	426013	(EPA 314)	Perchlorate	9940	ug/l	2000	500
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	0.080	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 18:50	426311	(ML/EPA 9056)	Nitrate as Nitrogen by IC	37	mg/l	5.0	50
	05/06/08 00:00	425400	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
05/06/08	05/06/08 08:45	426528	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8750	mg/l	10	1
PC-127 (2805060314) Sampled on 05/05/08 06:45								
	05/09/08 07:29	426013	(EPA 314)	Perchlorate	430000	ug/l	40000	10000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	1.9	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425400	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/08	05/06/08 08:45	426528	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7350	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-128 (2805060315) Sampled on 05/05/08 07:04								
	05/09/08 01:56	425936	(ML/EPA 9056)	Chlorate by IC	191000	ug/l	50000	5000
	05/09/08 07:29	426013	(EPA 314)	Perchlorate	193000	ug/l	20000	5000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	0.15	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 19:30	426310	(ML/EPA 9056)	Nitrate as Nitrogen by IC	8.6	mg/l	2.5	25
	05/06/08 00:00	425400	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/06/08	05/06/08 08:45	426528	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	5610	mg/l	10	1
PC-129 (2805060316) Sampled on 05/05/08 07:24								
	05/09/08 07:29	426013	(EPA 314)	Perchlorate	415000	ug/l	40000	10000
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	0.73	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425400	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/08	05/06/08 08:45	426528	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6640	mg/l	10	1
PC-131 (2805060317) Sampled on 05/05/08 07:45								
	05/09/08 07:29	426013	(EPA 314)	Perchlorate	8470	ug/l	2000	500
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425400	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8800	mg/l	10	1
PC-132 (2805060318) Sampled on 05/05/08 08:00								
	05/09/08 01:56	425936	(ML/EPA 9056)	Chlorate by IC	2180	ug/l	500	50
	05/09/08 07:29	426013	(EPA 314)	Perchlorate	2470	ug/l	400	100
05/15/08	05/18/08 00:00	427402	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 19:04	426311	(ML/EPA 9056)	Nitrate as Nitrogen by IC	ND	mg/l	5.0	50
	05/06/08 00:00	425400	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/06/08	05/06/08 14:00	426527	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	8800	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-95 (2805060319)					Sampled on 05/05/08 08:39			
	05/09/08 07:29	426013	(EPA 314)	Perchlorate	541000	ug/l	100000	25000
05/15/08	05/18/08 00:00	427404	(ML/EPA 6010B)	Chromium, Total, ICAP	1.3	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425401	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
05/06/08	05/06/08 08:45	426528	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	7240	mg/l	10	1
M-96 (2805060320)					Sampled on 05/05/08 08:27			
	05/09/08 07:29	426013	(EPA 314)	Perchlorate	321000	ug/l	40000	10000
05/15/08	05/18/08 00:00	427404	(ML/EPA 6010B)	Chromium, Total, ICAP	1.3	mg/l	0.020	2
	05/15/08 14:50		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	05/06/08 00:00	425401	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
05/06/08	05/06/08 08:45	426528	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	6500	mg/l	10	1



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QC Ref #0	- Metals Turbidity	Analysis Date: 05/12/2008
2805060277	PC-54	Analyzed by: jrf
2805060277	PC-54	Analyzed by: jrf
2805060278	M-48	Analyzed by: jrf
2805060278	M-48	Analyzed by: jrf
2805060279	PC-37	Analyzed by: jrf
2805060279	PC-37	Analyzed by: jrf
2805060280	PC-71	Analyzed by: jrf
2805060280	PC-71	Analyzed by: jrf
2805060281	PC-72	Analyzed by: jrf
2805060281	PC-72	Analyzed by: jrf
2805060282	PC-73	Analyzed by: jrf
2805060282	PC-73	Analyzed by: jrf
2805060290	M-23	Analyzed by: jrf
2805060290	M-23	Analyzed by: jrf
2805060291	M-44	Analyzed by: jrf
2805060291	M-44	Analyzed by: jrf
2805060293	FB-1	Analyzed by: jrf
2805060293	FB-1	Analyzed by: jrf
2805060294	MD-1	Analyzed by: jrf
2805060294	MD-1	Analyzed by: jrf
2805060303	MD-5	Analyzed by: jrf
2805060303	MD-5	Analyzed by: jrf
2805060305	PC-123	Analyzed by: jrf
2805060305	PC-123	Analyzed by: jrf
2805060311	PC-124	Analyzed by: jrf
2805060311	PC-124	Analyzed by: jrf
2805060312	PC-125	Analyzed by: jrf
2805060312	PC-125	Analyzed by: jrf
2805060313	PC-126	Analyzed by: jrf
2805060313	PC-126	Analyzed by: jrf
2805060314	PC-127	Analyzed by: jrf
2805060314	PC-127	Analyzed by: jrf
2805060315	PC-128	Analyzed by: jrf
2805060315	PC-128	Analyzed by: jrf
2805060316	PC-129	Analyzed by: jrf
2805060316	PC-129	Analyzed by: jrf
2805060317	PC-131	Analyzed by: jrf
2805060317	PC-131	Analyzed by: jrf
2805060318	PC-132	Analyzed by: jrf
2805060318	PC-132	Analyzed by: jrf
2805060319	M-95	Analyzed by: jrf
2805060319	M-95	Analyzed by: jrf
2805060320	M-96	Analyzed by: jrf



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Tronox LLC - Henderson
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2805060320

M-96

Analyzed by: jrf

QC Ref #425399 - PH (H3=past HT, not compliant) Analysis Date: 05/06/2008

2805060277	PC-54	Analyzed by: sar
2805060278	M-48	Analyzed by: sar
2805060279	PC-37	Analyzed by: sar
2805060280	PC-71	Analyzed by: sar
2805060281	PC-72	Analyzed by: sar
2805060282	PC-73	Analyzed by: sar
2805060290	M-23	Analyzed by: sar
2805060291	M-44	Analyzed by: sar
2805060294	MD-1	Analyzed by: sar
2805060303	MD-5	Analyzed by: sar

QC Ref #425400 - PH (H3=past HT, not compliant) Analysis Date: 05/06/2008

2805060293	FB-1	Analyzed by: sar
2805060305	PC-123	Analyzed by: sar
2805060311	PC-124	Analyzed by: sar
2805060312	PC-125	Analyzed by: sar
2805060313	PC-126	Analyzed by: sar
2805060314	PC-127	Analyzed by: sar
2805060315	PC-128	Analyzed by: sar
2805060316	PC-129	Analyzed by: sar
2805060317	PC-131	Analyzed by: sar
2805060318	PC-132	Analyzed by: sar

QC Ref #425401 - PH (H3=past HT, not compliant) Analysis Date: 05/06/2008

2805060319	M-95	Analyzed by: sar
2805060320	M-96	Analyzed by: sar

QC Ref #425936 - Chlorate by IC

Analysis Date: 05/09/2008

2805060278	M-48	Analyzed by: clv
2805060290	M-23	Analyzed by: clv
2805060303	MD-5	Analyzed by: clv
2805060311	PC-124	Analyzed by: clv
2805060313	PC-126	Analyzed by: clv



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2805060315	PC-128	Analyzed by: clv
2805060318	PC-132	Analyzed by: clv

QC Ref #426006 - Hexavalent chromium (Cr VI) Analysis Date: 05/06/2008

2805060291	M-44	Analyzed by: azs
2805060294	MD-1	Analyzed by: azs

QC Ref #426012 - Perchlorate Analysis Date: 05/08/2008

2805060277	PC-54	Analyzed by: clv
2805060278	M-48	Analyzed by: clv
2805060279	PC-37	Analyzed by: clv
2805060280	PC-71	Analyzed by: clv
2805060281	PC-72	Analyzed by: clv
2805060282	PC-73	Analyzed by: clv
2805060290	M-23	Analyzed by: clv
2805060291	M-44	Analyzed by: clv
2805060293	FB-1	Analyzed by: clv
2805060294	MD-1	Analyzed by: clv
2805060303	MD-5	Analyzed by: clv
2805060305	PC-123	Analyzed by: clv
2805060311	PC-124	Analyzed by: clv

QC Ref #426013 - Perchlorate Analysis Date: 05/09/2008

2805060312	PC-125	Analyzed by: clv
2805060313	PC-126	Analyzed by: clv
2805060314	PC-127	Analyzed by: clv
2805060315	PC-128	Analyzed by: clv
2805060316	PC-129	Analyzed by: clv
2805060317	PC-131	Analyzed by: clv
2805060318	PC-132	Analyzed by: clv
2805060319	M-95	Analyzed by: clv
2805060320	M-96	Analyzed by: clv



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QC Ref #426310 - Nitrate as Nitrogen by IC Analysis Date: 05/06/2008

2805060278	M-48	Analyzed by: tlh
2805060303	MD-5	Analyzed by: tlh
2805060315	PC-128	Analyzed by: tlh

QC Ref #426311 - Nitrate as Nitrogen by IC Analysis Date: 05/06/2008

2805060290	M-23	Analyzed by: tlh
2805060311	PC-124	Analyzed by: tlh
2805060313	PC-126	Analyzed by: tlh
2805060318	PC-132	Analyzed by: tlh

QC Ref #426527 - Total Dissolved Solid (TDS) Analysis Date: 05/06/2008

2805060277	PC-54	Analyzed by: axa
2805060278	M-48	Analyzed by: axa
2805060279	PC-37	Analyzed by: axa
2805060280	PC-71	Analyzed by: axa
2805060281	PC-72	Analyzed by: axa
2805060282	PC-73	Analyzed by: axa
2805060290	M-23	Analyzed by: axa
2805060291	M-44	Analyzed by: axa
2805060293	FB-1	Analyzed by: axa
2805060294	MD-1	Analyzed by: axa
2805060303	MD-5	Analyzed by: axa
2805060305	PC-123	Analyzed by: axa
2805060317	PC-131	Analyzed by: axa
2805060318	PC-132	Analyzed by: axa

QC Ref #426528 - Total Dissolved Solid (TDS) Analysis Date: 05/06/2008

2805060311	PC-124	Analyzed by: axa
2805060312	PC-125	Analyzed by: axa
2805060313	PC-126	Analyzed by: axa
2805060314	PC-127	Analyzed by: axa
2805060315	PC-128	Analyzed by: axa
2805060316	PC-129	Analyzed by: axa
2805060319	M-95	Analyzed by: axa



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2805060320

M-96

Analyzed by: axa

QC Ref #427402 - Chromium, Total, ICAP

Analysis Date: 05/18/2008

2805060277	PC-54	Analyzed by: csk
2805060278	M-48	Analyzed by: csk
2805060279	PC-37	Analyzed by: csk
2805060280	PC-71	Analyzed by: csk
2805060281	PC-72	Analyzed by: csk
2805060282	PC-73	Analyzed by: csk
2805060290	M-23	Analyzed by: csk
2805060291	M-44	Analyzed by: csk
2805060293	FB-1	Analyzed by: csk
2805060294	MD-1	Analyzed by: csk
2805060303	MD-5	Analyzed by: csk
2805060305	PC-123	Analyzed by: csk
2805060311	PC-124	Analyzed by: csk
2805060312	PC-125	Analyzed by: csk
2805060313	PC-126	Analyzed by: csk
2805060314	PC-127	Analyzed by: csk
2805060315	PC-128	Analyzed by: csk
2805060316	PC-129	Analyzed by: csk
2805060317	PC-131	Analyzed by: csk
2805060318	PC-132	Analyzed by: csk

QC Ref #427404 - Chromium, Total, ICAP

Analysis Date: 05/18/2008

2805060319	M-95	Analyzed by: csk
2805060320	M-96	Analyzed by: csk



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QC Ref #425399 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.75	7.75	UNIT		(0-20)	0.0

QC Ref #425400 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.79	7.78	UNIT		(0-20)	0.1

QC Ref #425401 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	8.08	8.09	UNIT		(0-20)	0.1

QC Ref #425936 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05060243	UGL		(0-0)	
LCS1	Chlorate by IC	200	204	UGL	102.0	(90-110)	
LCS2	Chlorate by IC	200	210	UGL	105.0	(90-110)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	7.84	UGL	78.4	(50-150)	
MS	Chlorate by IC	100	90.6	UGL	90.6	(75-125)	
MSD	Chlorate by IC	100	95.5	UGL	95.5	(75-125)	
RPD_LCS	Chlorate by IC	102.000	105.000	UGL	2.9	(0-20)	
RPD_MS	Chlorate by IC	90.600	95.500	UGL	5.3	(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
(continued)

QC Ref #426006 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium (Cr VI)	0.050	0.056	MGL	112.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.055	MGL	110.0	(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	0.055	MGL	110.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.05	0.054	MGL	108.0	(70-130)	

QC Ref #426012 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 28	05050346	UGL		(0-0)	
LCS1	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS3	Perchlorate	4	3.71	UGL	92.8	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.2	UGL	104.8	(80-120)	
MSD	Perchlorate	25.0	25.5	UGL	102.0	(80-120)	
RPD_LCS	Perchlorate	102.400	102.400	UGL	0.0	(0-15)	
RPD_MS	Perchlorate	104.800	102.000	UGL	1.0	(0-15)	

QC Ref #426013 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 28	05070441	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.1	UGL	104.4	(85-115)	
LCS2	Perchlorate	25.0	24.8	UGL	99.2	(85-115)	
LCS3	Perchlorate	4	4.72	UGL	118.0	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	26.9	UGL	107.6	(80-120)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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MSD	Perchlorate	25.0	26.8	UGL	107.2	(80-120)
RPD_LCS	Perchlorate	104.400	99.200	UGL	5.1	(0-15)
RPD_MS	Perchlorate	107.600	107.200	UGL	1.0	(0-15)

QC Ref #426310 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05060259	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.44	MGL	97.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.52	MGL	100.8	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.0500	0.052	MGL	104.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.31	MGL	104.8	(80-112)	
MSD	Nitrate as Nitrogen by IC	1.25	1.32	MGL	105.6	(80-112)	
RPD_LCS	Nitrate as Nitrogen by IC	97.600	100.800	MGL	3.2	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	104.800	105.600	MGL	0.8	(0-20)	

QC Ref #426311 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05050077	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.49	MGL	99.6	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.48	MGL	99.2	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.053	MGL	106.0	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.36	MGL	108.8	(80-112)	
MSD	Nitrate as Nitrogen by IC	1.25	1.36	MGL	108.8	(80-112)	
RPD_LCS	Nitrate as Nitrogen by IC	99.600	99.200	MGL	0.4	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	108.800	108.800	MGL	0.0	(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
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QC Ref #426527 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05060317	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	8700	8800	MGL		(0-10)	1.1
LCS1	Total Dissolved Solid (TDS)	175	146	MGL	83.4	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	686	MGL	98.0	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	83.429	98.000	MGL	16.1	(0-20)	

QC Ref #426528 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	LAB #28	05050346	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	460	468	MGL		(0-10)	1.7
LCS1	Total Dissolved Solid (TDS)	175	140	MGL	80.0	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	648	MGL	92.6	(80-114)	
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)	80.000	92.571	MGL	14.6	(0-20)	

QC Ref #427402 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05060278	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.984	MGL	98.4	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.010	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(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.



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Laboratory
QC Report
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Tronox LLC - Henderson
(continued)

MSD	Chromium, Total, ICAP	1.00	0.990	MGL	99.0	(70-130)
MSD2	Chromium, Total, ICAP	1.00	1.07	MGL	107.0	(70-130)

QC Ref #427404

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 28	05070236	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.981	MGL	98.1	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.987	MGL	98.7	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0114	MGL	114.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	1.05	MGL	105.0	(70-130)	
MS2	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.96	MGL	96.0	(70-130)	
MSD2	Chromium, Total, ICAP	1.00	1.03	MGL	103.0	(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.