



# 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)

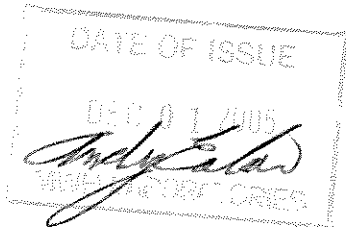
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley  
Fax: 702-651-2310



ADE Andy Eaton  
Project Manager



Report#: 160643  
CLO4

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 18 page[s].

MONTGOMERY WATSON LABORATORIES

CHAIN OF CUSTODY RECORD

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

MW LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: 160643SAMPLE TEMP, RECEIPT AT LAB: 130BLUE ICE: FROZEN  PARTIALLY FROZEN  THAWED 

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

Quantity Groundwater Sampling

Schedule B

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES

 (check for yes)

KERRMCGEE-MP

Sampler

Michelle Brown

Kerr-McGee Chemical LLC

PO Box 55

Susan Crowley (702) 651-2234

Henderson, NV 89009

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	PH	EC	ClO4	CR6	TDS	See Bottle Order	SAMPLER Comments
6:59	11-3-05		M-52	RGW	X		X	X	X					2 Bottles
6:20	11-3-05		M-87	RGW	X		X	X	X					2 Bottles
6:34	11-3-05		M-102	RGW	X		X	X	X					2 Bottles
6:50	11-3-05		M-101	RGW	X		X	X	X					2 Bottles
7:01	11-3-05		M-100	RGW	X		X	X	X					4 Bottles
7:27	11-3-05		M-86	RGW	X		X	X	X					2 Bottles
7:39	11-3-05		M-85	RGW	X		X	X	X					2 Bottles
7:50	11-3-05		M-84	RGW	X		X	X	X					2 Bottles
8:04	11-3-05		M-83	RGW	X		X	X	X					4 Bottles
8:20	11-3-05		M-70	RGW	X		X	X	X					2 Bottles
8:30	11-3-05		M-71	RGW	X		X	X	X					2 Bottles
8:48	11-3-05		M-72	RGW	X		X	X	X					2 Bottles

\* MATRIX TYPES:

Reported by Volume:

CFW = Chlor(om)inated Finished Water

FW = Other Finished Water

RGW = Raw Ground Water

RSW = Raw Surface Water

CWW = Chlorinated Waste Water

WW = Other Waste Water

SW = Storm Water

Reported by Weight:

SO = Soil

SL = Sludge

SIGNATURE

RELINQUISHED BY: Michelle Brown

PRINT NAME

Michele Brown

COMPANY/TITLE

Veolia Water NA for Kerr-McGee Chemical LLC

DATE

11-3-05

TIME

12:00PM

RECEIVED BY:

[Signature][Signature]

RECEIVED BY:

[Signature]

C-O-CH

smc052002

PAGE 1 of 1

SCANNED



# CHAIN OF CUSTODY RECORD

MONTGOMERY WATSON LABORATORIES

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

MWLABS USE ONLY:  
LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: MS  
SAMPLE TEMP, RECEIPT AT LAB: 130

BLUE ICE:  FROZEN  PARTIALLY FROZEN  THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME: **KERRMCGEE-MP**  
PROJECT JOB # / P.O.#: **Quaterly Groundwater Sampling Schedule B**  
SAMPLER: **Michele Brown**  
Kerr-McGee Chemical LLC  
PO Box 55  
Henderson, NV 89009  
Susan Crowley (702) 651-2234

REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES  (check for yes)

ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)

TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	MATRIX *	GRAB	COMP	CR	PH	EC	CL04	CR6	TDS	See Bottle Order	Nitrate	ClO3	SAMPLER Comments
900	11-3-05		M-33A	RGW	X		X	X	X	X						2 Bottles
924	11-3-05		M-36	RGW	X		X	X	X	X	X					4 Bottles
927	11-3-05		M-38	RGW	X		X	X	X	X						2 Bottles
945	11-3-05		M-89	RGW	X		X	X	X	X						2 Bottles
1012	11-3-05		M-37	RGW	X		X	X	X	X	X					4 Bottles
1017	11-3-05		F-AR-	RGW	X		X	X	X	X						2 Bottles
	11-3-05		MD-2	RGW	X		X	X	X	X	X					4 Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles
				RGW	X											Bottles

Reported by Weight:  
SO = Soil  
SL = Sludge

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

RGW = Raw Ground Water  
RSW = Raw Surface Water

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

SIGNATURE: Michele Brown PRINT NAME: Michele Brown

RELINQUISHED BY: [Signature] COMPANY/TITLE: Veolia Water NA for Kerr-McGee Chemical LLC

RECEIVED BY: [Signature] DATE: 11-3-05 TIME: 12:00PM

RELINQUISHED BY: [Signature]

RECEIVED BY: [Signature]

# SCANNED



From: Origin ID: (702)651-2220  
KERR-MCGEE CHEMICAL  
KERR-MCGEE CHEMICAL  
8000 LAKE MEAD DRIVE  
SHIPPING DEPARTMENT  
HENDERSON, NV 89015



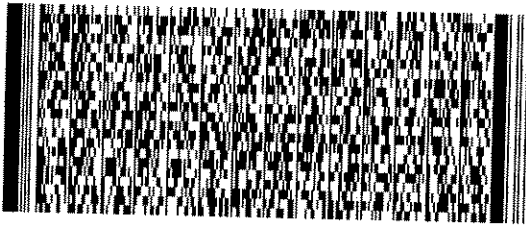
Ship Date: 03NOV05  
ActWgt: 55 LB  
System#: 2274147/INET2300  
Account#: S \*\*\*\*\*

REF: MSO# 141632



Delivery Address Bar Code

SHIP TO: (626)568-6400 **BILL SENDER**  
**ATTN: MONTGOMERY LABS RECEIVING**  
**MONTGOMERY WATSON LABS**  
**750 ROYAL OAKS AVENUE**  
**#100**  
**MONROVIA, CA 91016**



**PRIORITY OVERNIGHT**

**FRI**

TRK# 7912 6087 3046

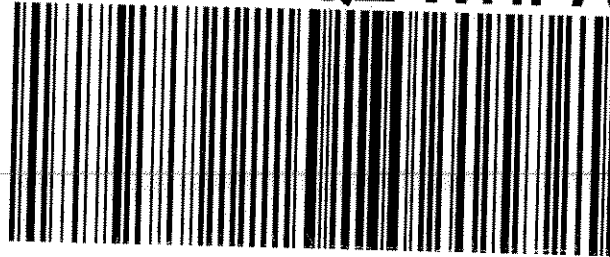
FORM 0201

Deliver By: 04NOV05

**BUR A2**

91016 -CA-US

**QZ WHPA**



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

5THIS 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: 141632

SCANNED

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

**From: KERR-McGEE CHEMICAL CORPORATION**

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>11/3/05</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 xx <input type="checkbox"/> Prepaid <input type="checkbox"/> Collect		FULL NAME OF SHIPPER <b>KERR-McGEE CHEMICAL LLC</b>	
N/A/R		CUSTOMER PO OR REQ'N NO.	CODE NO. WCN IF <b>1321.10400</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.
SHIPPED FROM <b>Henderson, NV</b>			
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	<b>4th Quarter Monitoring Well Samples</b>		<b>1 COOLER</b>
	<b>Not Regulated</b>		
TRUCK SHIPMENTS			Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the Consignee without recourse on the Consignor, the Consignor shall sign the following statement: The Carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. <b>KERR-McGEE CHEMICAL LLC</b>
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>0</b>	
<b>1</b>	TOTAL GROSS WEIGHT <b>55</b>	TOTAL TARE WEIGHT <b>0</b>	<b>55</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			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.  "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.			
KERR-McGEE CHEMICAL LLC Shipper permanent post office address of shipper, Oklahoma City, OK 73125		PER <b>Olga Maestas</b>	AGENT PER



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Tel: 626 386 1100  
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Report  
Comments  
#160643

**Client Specific Comments**

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

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

(QC Ref#: 2511040085)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2511040088)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2511040102)

Test: Hexavalent chromium (Cr VI) (MWH SW7196)

H3- Sample was received and analyzed past holding time.

*Note: Mass balance issues for Cr vs CrVI on several samples*



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Laboratory  
 Hits Report  
 #160643

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

Samples Received  
 04-nov-2005 15:05:01

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2511040077</b>	<b>M-52</b>				
11/15/05	Chromium, Total, ICAP		11		mg/l	0.05
11/09/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/23/05	Perchlorate		1200000		ug/l	200000
11/07/05	Specific Conductance		7640		umho/cm	2
	<b>2511040078</b>	<b>M-87</b>				
11/10/05	Chromium, Total, ICAP		0.53		mg/l	0.02
11/09/05	PH (H1=past HT, not compliant)		8.0	6.5-8.5	Units	0.001
11/23/05	Perchlorate		58000		ug/l	20000
11/07/05	Specific Conductance		1510		umho/cm	2
	<b>2511040079</b>	<b>M-102</b>				
11/15/05	Chromium, Total, ICAP		2		mg/l	0.02
11/09/05	PH (H1=past HT, not compliant)		7.9	6.5-8.5	Units	0.001
11/23/05	Perchlorate		210000		ug/l	40000
11/07/05	Specific Conductance		2870		umho/cm	2
	<b>2511040080</b>	<b>M-101</b>				
11/15/05	Chromium, Total, ICAP		0.26		mg/l	0.02
11/09/05	PH (H1=past HT, not compliant)		7.9	6.5-8.5	Units	0.001
11/24/05	Perchlorate		68000		ug/l	8000
11/07/05	Specific Conductance		3600		umho/cm	2
	<b>2511040085</b>	<b>M-100</b>				
11/15/05	Chromium, Total, ICAP		0.96		mg/l	0.02
11/04/05	Hexavalent chromium (Cr VI)		1.1		mg/l	0.05

SUMMARY OF POSITIVE DATA ONLY.





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#160643

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

Samples Received  
04-nov-2005 15:05:01

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2511040085</b>	<b>M-100</b>				
11/09/05	PH (H1=past HT, not compliant)		7.9	6.5-8.5	Units	0.001
11/24/05	Perchlorate		160000		ug/l	20000
11/07/05	Specific Conductance		2850		umho/cm	2
11/08/05	Total Dissolved Solid (TDS)		2800	500	mg/l	10
	<b>2511040086</b>	<b>M-86</b>				
11/10/05	Chromium, Total, ICAP		0.051		mg/l	0.02
11/09/05	PH (H1=past HT, not compliant)		8.0	6.5-8.5	Units	0.001
11/24/05	Perchlorate		7000		ug/l	800
11/07/05	Specific Conductance		1260		umho/cm	2
	<b>2511040087</b>	<b>M-85</b>				
11/15/05	Chromium, Total, ICAP		0.054		mg/l	0.02
11/09/05	PH (H1=past HT, not compliant)		8.0	6.5-8.5	Units	0.001
11/24/05	Perchlorate		23000		ug/l	2000
11/07/05	Specific Conductance		1240		umho/cm	2
	<b>2511040088</b>	<b>M-84</b>				
11/15/05	Chromium, Total, ICAP		0.099		mg/l	0.02
11/04/05	Hexavalent chromium (Cr VI)		0.18		mg/l	0.005
11/09/05	PH (H1=past HT, not compliant)		7.9	6.5-8.5	Units	0.001
11/24/05	Perchlorate		10000		ug/l	4000
11/07/05	Specific Conductance		1740		umho/cm	2
11/08/05	Total Dissolved Solid (TDS)		1510	500	mg/l	10
	<b>2511040089</b>	<b>M-83</b>				

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 #160643

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

Samples Received  
 04-nov-2005 15:05:01

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	<b>2511040089</b>	<b>M-83</b>				
11/10/05	Chromium, Total, ICAP		0.35		mg/l	0.02
11/09/05	PH (H1=past HT, not compliant)		7.9	6.5-8.5	Units	0.001
11/24/05	Perchlorate		46000		ug/l	8000
11/07/05	Specific Conductance		1860		umho/cm	2
	<b>2511040090</b>	<b>M-70</b>				
11/10/05	Chromium, Total, ICAP		6		mg/l	0.02
11/09/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/24/05	Perchlorate		770000		ug/l	200000
11/07/05	Specific Conductance		7880		umho/cm	2
	<b>2511040091</b>	<b>M-71</b>				
11/10/05	Chromium, Total, ICAP		5.1		mg/l	0.02
11/09/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/24/05	Perchlorate		1100000		ug/l	200000
11/07/05	Specific Conductance		7740		umho/cm	2
	<b>2511040092</b>	<b>M-72</b>				
11/15/05	Chromium, Total, ICAP		6.3		mg/l	0.02
11/09/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/24/05	Perchlorate		1300000		ug/l	200000
11/07/05	Specific Conductance		8550		umho/cm	2
	<b>2511040093</b>	<b>M-22A</b>				
11/10/05	Chromium, Total, ICAP		29		mg/l	0.2
11/09/05	PH (H1=past HT, not compliant)		7.5	6.5-8.5	Units	0.001

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Tronox LLC - Henderson  
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Samples Received  
 04-nov-2005 15:05:01

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511040093	M-22A				
11/24/05	Perchlorate		1800000		ug/l	200000
11/07/05	Specific Conductance		12600		umho/cm	2
	2511040095	M-36				
11/15/05	Chromium, Total, ICAP		40		mg/l	0.2
11/09/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
11/24/05	Perchlorate		1900000		ug/l	200000
11/07/05	Specific Conductance		14900		umho/cm	2
	2511040096	M-38				
11/15/05	Chromium, Total, ICAP		30		mg/l	0.01
11/09/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/24/05	Perchlorate		2400000		ug/l	200000
11/07/05	Specific Conductance		13200		umho/cm	2
	2511040099	M-89				
11/10/05	Chromium, Total, ICAP		25		mg/l	0.2
11/09/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/24/05	Perchlorate		1300000		ug/l	200000
11/07/05	Specific Conductance		12900		umho/cm	2
	2511040100	M-37				
11/10/05	Chromium, Total, ICAP		0.042		mg/l	0.02
11/09/05	PH (H1=past HT, not compliant)		7.5	6.5-8.5	Units	0.001
11/24/05	Perchlorate		2900000		ug/l	200000
11/07/05	Specific Conductance		7730		umho/cm	2

SUMMARY OF POSITIVE DATA ONLY.



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 #160643

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 Susan Crowley  
 PO Box 55  
 Henderson , NV 89009

Samples Received  
 04-nov-2005 15:05:01

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511040100	M-37				
	2511040101	I-AR				
11/10/05	Chromium, Total, ICAP		0.59		mg/l	0.02
11/09/05	PH (H1=past HT, not compliant)		7.5	6.5-8.5	Units	0.001
11/24/05	Perchlorate		4500000		ug/l	200000
11/07/05	Specific Conductance		9060		umho/cm	2
	2511040102	MD-2				
11/10/05	Chromium, Total, ICAP		0.037		mg/l	0.02
11/04/05	Hexavalent chromium (Cr VI)		0.060		mg/l	0.025
11/09/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
11/28/05	Perchlorate		3000000		ug/l	200000
11/07/05	Specific Conductance		7650		umho/cm	2
11/07/05	Total Dissolved Solid (TDS)		7200	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Henderson, NV 89009

Samples Received  
11/04/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>M-52 (2511040077)      Sampled on 11/03/05 05:59</b>								
	11/23/05 23:19	297016	( EPA 314 )	Perchlorate	1200000	ug/l	200000	50000
	11/15/05 10:45	295337	( MWH200.7/6010B )	Chromium, Total, ICAP	11	mg/l	0.05	5
	11/07/05 12:49	293969	( 2510B/ SW9050 )	Specific Conductance	7640	umho/cm	2	1
	11/09/05 00:00	294551	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.6	Units	0.001	1
<b>M-87 (2511040078)      Sampled on 11/03/05 06:20</b>								
	11/23/05 23:36	297016	( EPA 314 )	Perchlorate	58000	ug/l	20000	5000
	11/10/05 21:14	294761	( MWH200.7/6010B )	Chromium, Total, ICAP	0.53	mg/l	0.02	2
	11/07/05 13:05	293970	( 2510B/ SW9050 )	Specific Conductance	1510	umho/cm	2	1
	11/09/05 00:00	294551	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	8.0	Units	0.001	1
<b>M-102 (2511040079)      Sampled on 11/03/05 06:34</b>								
	11/23/05 23:53	297016	( EPA 314 )	Perchlorate	210000	ug/l	40000	10000
	11/15/05 10:50	295337	( MWH200.7/6010B )	Chromium, Total, ICAP	2	mg/l	0.02	2
	11/07/05 13:05	293970	( 2510B/ SW9050 )	Specific Conductance	2870	umho/cm	2	1
	11/09/05 00:00	294551	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.9	Units	0.001	1
<b>M-101 (2511040080)      Sampled on 11/03/05 06:50</b>								
	11/24/05 00:10	297016	( EPA 314 )	Perchlorate	68000	ug/l	8000	2000
	11/15/05 10:54	295337	( MWH200.7/6010B )	Chromium, Total, ICAP	0.26	mg/l	0.02	2
	11/07/05 13:05	293970	( 2510B/ SW9050 )	Specific Conductance	3600	umho/cm	2	1
	11/09/05 00:00	294551	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.9	Units	0.001	1
<b>M-100 (2511040085)      Sampled on 11/03/05 07:01</b>								
	11/24/05 00:27	297016	( EPA 314 )	Perchlorate	160000	ug/l	20000	5000
	11/15/05 11:15	295337	( MWH200.7/6010B )	Chromium, Total, ICAP	0.96	mg/l	0.02	2
	11/04/05 00:00	294080	( MWH SW7196 )	Hexavalent chromium (Cr VI)	1.1(H3)	mg/l	0.05	10
	11/07/05 13:05	293970	( 2510B/ SW9050 )	Specific Conductance	2850	umho/cm	2	1
	11/09/05 00:00	294551	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.9	Units	0.001	1
11/08/05	11/08/05 00:00	294976	( SM 2540C )	Total Dissolved Solid (TDS)	2800	mg/l	10	1

Tronox LLC - Henderson  
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>M-86 (2511040086)      Sampled on 11/03/05 07:27</b>								
	11/24/05 00:44	297016	( EPA 314 )	Perchlorate	7000	ug/l	800	200
	11/10/05 22:19	294762	( MWH200.7/6010B )	Chromium, Total, ICAP	0.051	mg/l	0.02	2
	11/07/05 13:05	293970	( 2510B/ SW9050 )	Specific Conductance	1260	umho/cm	2	1
	11/09/05 00:00	294551	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	8.0	Units	0.001	1
<b>M-85 (2511040087)      Sampled on 11/03/05 07:39</b>								
	11/24/05 01:01	297016	( EPA 314 )	Perchlorate	23000	ug/l	2000	500
	11/15/05 11:18	295337	( MWH200.7/6010B )	Chromium, Total, ICAP	0.054	mg/l	0.02	2
	11/07/05 13:05	293970	( 2510B/ SW9050 )	Specific Conductance	1240	umho/cm	2	1
	11/09/05 00:00	294553	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	8.0	Units	0.001	1
<b>M-84 (2511040088)      Sampled on 11/03/05 07:50</b>								
	11/24/05 01:18	297016	( EPA 314 )	Perchlorate	10000	ug/l	4000	1000
	11/15/05 11:22	295337	( MWH200.7/6010B )	Chromium, Total, ICAP	0.099	mg/l	0.02	2
	11/04/05 00:00	294080	( MWH SW7196 )	Hexavalent chromium (Cr VI)	0.18 (H3)	mg/l	0.005	1
	11/07/05 13:05	293970	( 2510B/ SW9050 )	Specific Conductance	1740	umho/cm	2	1
	11/09/05 00:00	294553	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.9	Units	0.001	1
11/08/05	11/08/05 00:00	294976	( SM 2540C )	Total Dissolved Solid (TDS)	1510	mg/l	10	1
<b>M-83 (2511040089)      Sampled on 11/03/05 08:04</b>								
	11/24/05 01:52	297016	( EPA 314 )	Perchlorate	46000	ug/l	8000	2000
	11/10/05 21:18	294761	( MWH200.7/6010B )	Chromium, Total, ICAP	0.35	mg/l	0.02	2
	11/07/05 13:05	293970	( 2510B/ SW9050 )	Specific Conductance	1860	umho/cm	2	1
	11/09/05 00:00	294553	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.9	Units	0.001	1
<b>M-70 (2511040090)      Sampled on 11/03/05 08:20</b>								
	11/24/05 02:09	297016	( EPA 314 )	Perchlorate	770000	ug/l	200000	50000
	11/10/05 21:05	294761	( MWH200.7/6010B )	Chromium, Total, ICAP	6	mg/l	0.02	2
	11/07/05 13:05	293970	( 2510B/ SW9050 )	Specific Conductance	7880	umho/cm	2	1
	11/09/05 00:00	294553	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.6	Units	0.001	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>M-71 (2511040091)      Sampled on 11/03/05 08:30</b>								
	11/24/05 02:26	297016	( EPA 314 )	Perchlorate	1100000	ug/l	200000	50000
	11/10/05 21:01	294761	( MWH200.7/6010B )	Chromium, Total, ICAP	5.1	mg/l	0.02	2
	11/07/05 13:05	293970	( 2510B/ SW9050 )	Specific Conductance	7740	umho/cm	2	1
	11/09/05 00:00	294553	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.6	Units	0.001	1
<b>M-72 (2511040092)      Sampled on 11/03/05 08:48</b>								
	11/24/05 02:43	297016	( EPA 314 )	Perchlorate	1300000	ug/l	200000	50000
	11/15/05 11:26	295337	( MWH200.7/6010B )	Chromium, Total, ICAP	6.3	mg/l	0.02	2
	11/07/05 13:21	293972	( 2510B/ SW9050 )	Specific Conductance	8550	umho/cm	2	1
	11/09/05 00:00	294553	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.6	Units	0.001	1
<b>M-22A (2511040093)      Sampled on 11/03/05 09:00</b>								
	11/24/05 03:00	297016	( EPA 314 )	Perchlorate	1800000	ug/l	200000	50000
	11/10/05 22:33	294762	( MWH200.7/6010B )	Chromium, Total, ICAP	29	mg/l	0.2	20
	11/07/05 13:21	293972	( 2510B/ SW9050 )	Specific Conductance	12600	umho/cm	2	1
	11/09/05 00:00	294553	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.5	Units	0.001	1
<b>M-36 (2511040095)      Sampled on 11/03/05 09:24</b>								
	11/24/05 03:17	297016	( EPA 314 )	Perchlorate	1900000	ug/l	200000	50000
	11/15/05 11:29	295337	( MWH200.7/6010B )	Chromium, Total, ICAP	40	mg/l	0.2	20
	11/07/05 13:21	293972	( 2510B/ SW9050 )	Specific Conductance	14900	umho/cm	2	1
	11/09/05 00:00	294553	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.4	Units	0.001	1
<b>M-38 (2511040096)      Sampled on 11/03/05 09:27</b>								
	11/24/05 03:34	297016	( EPA 314 )	Perchlorate	2400000	ug/l	200000	50000
	11/15/05 11:33	295337	( MWH200.7/6010B )	Chromium, Total, ICAP	30	mg/l	0.01	1
	11/07/05 13:21	293972	( 2510B/ SW9050 )	Specific Conductance	13200	umho/cm	2	1
	11/09/05 00:00	294553	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.6	Units	0.001	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>M-89 (2511040099)</b>				<b>Sampled on 11/03/05 09:45</b>				
	11/24/05 03:51	297016	( EPA 314 )	Perchlorate	1300000	ug/l	200000	50000
	11/10/05 22:23	294762	( MWH200.7/6010B )	Chromium, Total, ICAP	25	mg/l	0.2	20
	11/07/05 13:21	293972	( 2510B/ SW9050 )	Specific Conductance	12900	umho/cm	2	1
	11/09/05 00:00	294553	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	7.6	Units	0.001	1
<b>M-37 (2511040100)</b>				<b>Sampled on 11/03/05 10:12</b>				
	11/24/05 04:08	297016	( EPA 314 )	Perchlorate	2900000	ug/l	200000	50000
	11/10/05 21:09	294761	( MWH200.7/6010B )	Chromium, Total, ICAP	0.042	mg/l	0.02	2
	11/07/05 13:21	293972	( 2510B/ SW9050 )	Specific Conductance	7730	umho/cm	2	1
	11/09/05 00:00	294554	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	7.5	Units	0.001	1
<b>I-AR (2511040101)</b>				<b>Sampled on 11/03/05 10:17</b>				
	11/24/05 04:25	297016	( EPA 314 )	Perchlorate	4500000	ug/l	200000	50000
	11/10/05 20:57	294761	( MWH200.7/6010B )	Chromium, Total, ICAP	0.59	mg/l	0.02	2
	11/07/05 13:21	293972	( 2510B/ SW9050 )	Specific Conductance	9060	umho/cm	2	1
	11/09/05 00:00	294554	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	7.5	Units	0.001	1
<b>MD-2 (2511040102)</b>				<b>Sampled on 11/03/05 00:00</b>				
	11/28/05 15:50	297470	( EPA 314 )	Perchlorate	3000000	ug/l	200000	50000
	11/10/05 21:22	294761	( MWH200.7/6010B )	Chromium, Total, ICAP	0.037	mg/l	0.02	2
	11/04/05 00:00	294080	( MWH SW7196 )	Hexavalent chromium (Cr VI)	0.060 (H3)	mg/l	0.025	5
	11/07/05 13:21	293972	( 2510B/ SW9050 )	Specific Conductance	7650	umho/cm	2	1
	11/09/05 00:00	294551	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	7.4	Units	0.001	1
11/07/05	11/07/05 00:00	294190	( SM 2540C )	Total Dissolved Solid (TDS)	7200	mg/l	10	1





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QC Ref #293969 - Specific Conductance

2511040077 M-52

Analysis Date: 11/07/2005

Analyzed by: sar

QC Ref #293970 - Specific Conductance

2511040078 M-87  
2511040079 M-102  
2511040080 M-101  
2511040085 M-100  
2511040086 M-86  
2511040087 M-85  
2511040088 M-84  
2511040089 M-83  
2511040090 M-70  
2511040091 M-71

Analysis Date: 11/07/2005

Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar

QC Ref #293972 - Specific Conductance

2511040092 M-72  
2511040093 M-22A  
2511040095 M-36  
2511040096 M-38  
2511040099 M-89  
2511040100 M-37  
2511040101 I-AR  
2511040102 MD-2

Analysis Date: 11/07/2005

Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar  
Analyzed by: sar

QC Ref #294080 - Hexavalent chromium (Cr VI)

2511040085 M-100  
2511040088 M-84  
2511040102 MD-2

Analysis Date: 11/04/2005

Analyzed by: dtn  
Analyzed by: dtn  
Analyzed by: dtn

QC Ref #294190 - Total Dissolved Solid (TDS)

2511040102 MD-2

Analysis Date: 11/07/2005

Analyzed by: lmr



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Tronox LLC - Henderson  
(continued)

QC Ref #294551 - PH (H1=past HT, not compliant) Analysis Date: 11/09/2005

2511040077	M-52	Analyzed by: aide
2511040078	M-87	Analyzed by: aide
2511040079	M-102	Analyzed by: aide
2511040080	M-101	Analyzed by: aide
2511040085	M-100	Analyzed by: aide
2511040086	M-86	Analyzed by: aide
2511040102	MD-2	Analyzed by: aide

QC Ref #294553 - PH (H1=past HT, not compliant) Analysis Date: 11/09/2005

2511040087	M-85	Analyzed by: aide
2511040088	M-84	Analyzed by: aide
2511040089	M-83	Analyzed by: aide
2511040090	M-70	Analyzed by: aide
2511040091	M-71	Analyzed by: aide
2511040092	M-72	Analyzed by: aide
2511040093	M-22A	Analyzed by: aide
2511040095	M-36	Analyzed by: aide
2511040096	M-38	Analyzed by: aide
2511040099	M-89	Analyzed by: aide

QC Ref #294554 - PH (H1=past HT, not compliant) Analysis Date: 11/09/2005

2511040100	M-37	Analyzed by: aide
2511040101	I-AR	Analyzed by: aide

QC Ref #294761 - Chromium, Total, ICAP Analysis Date: 11/10/2005

2511040078	M-87	Analyzed by: wbh
2511040089	M-83	Analyzed by: wbh
2511040090	M-70	Analyzed by: wbh
2511040091	M-71	Analyzed by: wbh
2511040100	M-37	Analyzed by: wbh
2511040101	I-AR	Analyzed by: wbh
2511040102	MD-2	Analyzed by: wbh



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Tronox LLC - Henderson  
(continued)

QC Ref #294762 - Chromium, Total, ICAP

Analysis Date: 11/10/2005

2511040086	M-86
2511040093	M-22A
2511040099	M-89

Analyzed by: wbh  
Analyzed by: wbh  
Analyzed by: wbh

QC Ref #294976 - Total Dissolved Solid (TDS)

Analysis Date: 11/08/2005

2511040085	M-100
2511040088	M-84

Analyzed by: lmr  
Analyzed by: lmr

QC Ref #295337 - Chromium, Total, ICAP

Analysis Date: 11/15/2005

2511040077	M-52
2511040079	M-102
2511040080	M-101
2511040085	M-100
2511040087	M-85
2511040088	M-84
2511040092	M-72
2511040095	M-36
2511040096	M-38

Analyzed by: wbh  
Analyzed by: wbh  
Analyzed by: wbh  
Analyzed by: wbh  
Analyzed by: wbh  
Analyzed by: wbh  
Analyzed by: wbh  
Analyzed by: wbh  
Analyzed by: wbh  
Analyzed by: wbh

QC Ref #297016 - Perchlorate

Analysis Date: 11/23/2005

2511040077	M-52
2511040078	M-87
2511040079	M-102
2511040080	M-101
2511040085	M-100
2511040086	M-86
2511040087	M-85
2511040088	M-84
2511040089	M-83
2511040090	M-70
2511040091	M-71
2511040092	M-72
2511040093	M-22A
2511040095	M-36

Analyzed by: bxs  
Analyzed by: bxs  
Analyzed by: bxs  
Analyzed by: bxs  
Analyzed by: bxs  
Analyzed by: bxs  
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Analyzed by: bxs



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Tronox LLC - Henderson  
(continued)

2511040096	M-38
2511040099	M-89
2511040100	M-37
2511040101	I-AR

Analyzed by: bxs  
Analyzed by: bxs  
Analyzed by: bxs  
Analyzed by: bxs

QC Ref #297470 - Perchlorate

Analysis Date: 11/28/2005

2511040102 MD-2

Analyzed by: bxs



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QC Ref #293969      Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7640	7410	UMHO		( 0-20 )	3.1
MRL_CHK	Specific Conductance	2.000	2.05	UMHO	102.5	( 50-150 )	

QC Ref #293970      Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7740	7760	UMHO		( 0-20 )	0.3
MRL_CHK	Specific Conductance	2.000	2.05	UMHO	102.5	( 50-150 )	

QC Ref #293972      Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7280	7360	UMHO		( 0-20 )	1.1
MRL_CHK	Specific Conductance	2.000	2.05	UMHO	102.5	( 50-150 )	

QC Ref #294080      Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	11040088	MGL		( 0-0 )	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.051	MGL	102.0	( 85-115 )	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.052	MGL	104.0	( 85-115 )	1.9
MBLK	Hexavalent chromium (Cr VI)	ND	<0.005	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.006	MGL	120.0	( 50-150 )	
MS	Hexavalent chromium (Cr VI)	0.05	0.056	MGL	112.0	( 70-130 )	
MSD	Hexavalent chromium (Cr VI)	0.05	0.054	MGL	108.0	( 70-130 )	3.6

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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QC Ref #294190                      Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	11020214	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	454	452	MGL		( 0-10 )	0.4
LCS1	Total Dissolved Solid (TDS)	175	182	MGL	104.0	( 85-115 )	
LCS2	Total Dissolved Solid (TDS)	700	702	MGL	100.3	( 85-115 )	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	( 50-150 )	

QC Ref #294551                      PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	8.0	8.0	UNIT		( 0-20 )	0.0

QC Ref #294553                      PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.6	7.6	UNIT		( 0-20 )	0.0

QC Ref #294554                      PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	8.0	8.1	UNIT		( 0-20 )	1.2

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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QC Ref #294761                      Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.905	MGL	90.5	( 85-115 )	
LCS2	Chromium, Total, ICAP	1.00	0.917	MGL	91.7	( 85-115 )	1.3
MBLK	Chromium, Total, ICAP	ND	<0.01	MGL			
MS	Chromium, Total, ICAP	1.00	0.944	MGL	94.4	( 70-130 )	
MSD	Chromium, Total, ICAP	1.00	0.946	MGL	94.6	( 70-130 )	0.21

QC Ref #294762                      Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.949	MGL	94.9	( 85-115 )	
LCS2	Chromium, Total, ICAP	1.00	0.948	MGL	94.8	( 85-115 )	0.11
MBLK	Chromium, Total, ICAP	ND	<0.01	MGL			
MS	Chromium, Total, ICAP	1.00	0.942	MGL	94.2	( 70-130 )	
MSD	Chromium, Total, ICAP	1.00	0.942	MGL	94.2	( 70-130 )	0.00

QC Ref #294976                      Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	11030573	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	548	558	MGL		( 0-10 )	1.8
LCS1	Total Dissolved Solid (TDS)	175	192	MGL	109.7	( 85-115 )	
LCS2	Total Dissolved Solid (TDS)	700	696	MGL	99.4	( 85-115 )	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	12	MGL	120.0	( 50-150 )	

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 #295337                      Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.99	MGL	99.0	( 85-115 )	
LCS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	( 85-115 )	2.0
MBLK	Chromium, Total, ICAP	ND	<0.01	MGL			
MS	Chromium, Total, ICAP	1.00	0.995	MGL	99.5	( 70-130 )	
MSD	Chromium, Total, ICAP	1.00	1.0	MGL	100.0	( 70-130 )	0.50

QC Ref #297016                      Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.3	UGL	97.2	( 85-115 )	
LCS1	Perchlorate	25.0	24.7	UGL	98.8	( 85-115 )	
MBLK	Perchlorate	ND	<4	UGL			
MS	Perchlorate	25.0	23.1	UGL	92.4	( 70-130 )	
MSD	Perchlorate	25.0	23.4	UGL	93.6	( 70-130 )	1.3

QC Ref #297470                      Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.1	UGL	96.4	( 85-115 )	
LCS1	Perchlorate	25.0	24.5	UGL	98.0	( 85-115 )	
MBLK	Perchlorate	ND	<4	UGL			
MS	Perchlorate	25.0	25.2	UGL	100.8	( 70-130 )	
MSD	Perchlorate	25.0	24.4	UGL	97.6	( 70-130 )	3.2

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.