

750 Royat Oaks Drive, Suite 100 Monrova, California 91016-3629 Tet 626 386 1100 Fax: 626 385 1101 1 800 566 LASS (1 800 566 5227)

Laboratory Report

for

Tronox LLC - Henderson PO Box 55

Henderson , NV 89009

Attention: Susan Crowley Fax: 702-651-2310

DATE OF ISSUE

ADE Andy Eaton Project Manager



Report#: 162577 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 6 page[s].

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ONTGOMERY WATSON LABORATORIES

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(626) 568-6400		(800) 566-5227								SAMP	<u> </u>	MP.	RECE	PT A	SAMPLE TEMP, RECEIPT AT LAB:
			THE							BLUE ICE:	ICE:	ኧ	OZEN		FROZEN PARTIALLY FROZEN THAWED
TO BE COM.	TO BE COMPLETED BY SAMPLER:	ţ											4	HI Washington	
COMPANY/	COMPANY / PROJECT NAME		PROJECT JOB#/P.O.#				ZEFE	77	ATTA	CHED	BOT	TLEC	RDE	FOR	REFER TO ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes)
KERRMCGEE-MP	E-MP		Weekly Cr Consent Order Compliance Samples			<u> </u>	1	IALYS	ES RE	OUR	Œ) Q	ırk an	×	ill test	ANALYSES REQUIRED (mark an 'X' in all tests required for each sample line)
Wendy Prescott CLUCA Susan Croy	u.Ch (Susan Crowley (702) 651-2234	*	Kerr-McGee Chemical LLC PO Box 55 Henderson, NV 89009	ပ			un	muimond							
TIME	DATE	LOCATION	IDENTIFIER, STATE ID#	* XIATAM	СОМЪ	Total CLO₄	Total Chromi	O tnelevexeH	Total CIO ₃	N sa _€ ON	······		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		SAMPLEK COMMEN IS
10:00 AM	11-27,29,12-01-05		GWTP Discharge	RSW	×	×	×	×	×	×					CMI ship to be a second of the
															otal Ct saripte preserved with TNO3.
10:00 AM	12/1/2005		GWTP West Well Feed	RSW	×	× 	×	×						-	
											<u> </u>				otal Of sample preserved with mnO ₃ .
10:00 AM	12/1/2005		GWTP East Well Feed	RSW	×	×	×	×							Class 33
	The second secon					L									lotal Cr sample preserved with HNO ₃ .
															
										***************************************				<u> </u>	East & West CLO4 added beginning 11-11-04
						<u> </u>				-	<u> </u>				
											<u> </u>			_	

A company of the state of the s	SIGNATURE	ACCORPTICATE OF THE PROPERTY O	PRINT NAME	COMPANYITLE	DATE	TIME
RELINGUISHED BY: (L. C.	The state of the s	Wendy Prescott		Veolia Water NA for Kerr McGee Chemical LLC	12/1/2005	12:00
RECEIVED BY:			A STATE OF THE PROPERTY OF THE PARTY OF THE	HINH		
RELINQUISHED BYS					4.	
RECEIVED BY:	AMARIANA MARIANA MARIA	reference and the second secon	Programma de la companya de la comp			

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

* MATRIX TYPES:

	MWH Laboratori	es, a Division	of MWH Americas	inc. Bot	ttle Orc	ler for	MWH Laboratories, a Division of MWH Americas, Inc. Bottle Order for Kerr McGee Chemical Company - Henderson	Company - F	lenderson	, ,	Page 1 of 27289	
P	Monrovia CA 910	4venue Suite 116 (626) 386	750 Koyal Oaks Avenue Sulte 100 Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124	Stal 16-1124	Sum	Client Co	Client Code KERRMCGFF-MP	W/ Wookhy		Deriod		
	T	` ;				Project Code	ode CLO4	V VOOR)		200		
	Andrew_Eaton (626) 386-1125		Your MWL Project Manager	lager		PO# / Job#		Week				
#00			and a contract was	=		Blanket PO	РО		•			
;				Please I	Return t	his Pa	Sampler: Please Return this Paper with your samples					
Created by	~~~)	Ship Sample Kits to	s to			Send Report to			Billing Address	ress	
Order Date	r Date	Kerr McG	Kerr McGee-Veolia Water			Xerr	Kerr McGee Henderson Plant	**********************	KMCLLC		***************************************	
Date Needed by Client	eded	8000 Wes Henderso	8000 West Lake Mead Drive Henderson, NV 89015	e,			r.V. Bux. 32 Henderson, NV. 89009	11124111111111111111111111111111111111	attn: Contract 304 PO Box 3049	attn: Contract 304280 PO Box 3049 Livonia ML48150	30	
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O to Care Care Care Care Care Care Care Care	30 E	ATTN:		χ	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A	ATTN: Susan Crowley	***************************************			4	
	ATTIVE AT MINUT.	PHONE	702-651-2234		***************************************	PHG	PHONE: 702-651-2234				Quote#	
						u.	FAX: 702-651-2310					
# of Samples	npies lests	40		w	Bottles-Qty for	for each	each sample, type & preservative if	if any	Ś	#NO	Important Comments	
ر د	CR			1 250 m	Il poly acid rir	nsed + 1m	250 ml poly acid rinsed + 1ml HNO3 (;8%)		UN 2031	[GWTP WEST WELL FEED	
<u>ه</u>	CR-VI		•	1 125ml	poly acid rin	sed/ no pre	125ml poly acid rinsed/ no preservative SHORT HOLDING TIME!!!!!		T-AVAILABILITY OF THE PARTY OF	-	GWTP DISCHARGE	
	CLO3			1.60mlr	60ml poly+0.60 mL 5% EDA sol'n	5% EDA 8	u,jos	:	UN 1604		CLO4, CLO3, NO3RFA on	
ر ا	CLO4		•	1 125ml	poly /no pres	servative A	125ml poly /no preservative AMBER IF WITH CLO3!	I	[······	DISCHARGE	
, z	NO3RFA		•	, 1.050 m	1 250 m polytr 1 m H200 M (50%)	10004 (60	(700)	I			and Civil and CLO4 on an	
			,		poly+ mi) #OSZL	U%)	1	UN 2796	,,	A second	
			٠							Pleas	Please sample late in the day and send via priority overnight to	
								l		ensn	ensure that we receive CRVI	
ı								1		within ho possible.	within hold time whenever possible.	
I E	·	٠.		•			•.		ļ	SHIP	SHIPPING - PLEASE PRELABEL	
ı 			•	•				ı	ļ	BOT	BOTTLES	
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1			٠					ţ	1	revis	revised 11/4/04 ade	
! 			,					l .		shipp	shipping - the CLO3 bottle has been missed several times -	
1			•					1		pleas	please be sure it is included!	
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							. ·	1	l			
ActiveCode	Status	ä	Date Shipped	Carrier	Qty of Coolers		Tracking Number	Prenared By	ed By	7		

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

Fedex.
Express

Ship Date: 01DEC05 ActWgt: 12 LB System#: 2274147/INET2300 Account#: S ********

REF: MSO# 141675



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

TRK# **7902 3957 6869**

FORM 0201 FRI
Deliver By:
02DEC05

JR A2

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91016 -CA-US



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.

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.

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.

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SHIPPER'S NUMBER: 141675

CARRIER	·····						T 25			FROM NO. STATION: STATE
Federal I	Express						Date 12/1/	05		Henderson, NV 89015
	ABORATORI al Oaks Ave		Suite #100							Authorization S.CROWLEY
Monrovia	a, CA 9101 326-568-640	6-362								FULL NAME OF SHIPPER KERR-McGEE CHEMICAL LLC
FREIGHT CHARG	GES			****						CODE NO. WCN IF
xx Prepa	aid Colle	ect		···						1321.10400 If it moves between
N/AR			CUSTOMER PO OR RE	EQ'N NO.			Henc	FROM lerson,NV		two ports by water, the law requires that the Bill of Lading shall state whether it is Carrier's or Shippers weight.
LINE NO.		DESCRIF	PTION AND CLASSIFICA	TION		ST	OCK NO.	TOTAL QUANT	TITY	
N	East and We disc. Sample Ine ice chest	es						1 COOLER		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. KERR-MCGEE CHEMICAL LLC
							***************************************			The description and weight indicated on this Bill of Lading are correct. Subject to verification by the Governing Weighing and Inspection Bureau according to Agreement.
TRUCK SHIPMEN	NTS	***************************************							F	OR CHEMICAL EMERGENCY-SPILL, LEAK,
PLACARDS OFFE	ERED YES		PLACARDS ACC	CEPTED [YES NO					FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300
NUMBER OF	F PACKAGES	GRO	OSS WEIGHT	Т/	ARE WEIGHT		NET.	WEIGHT		483-7616 IN DISTRICT OF COLUMBIA 02-483-7616 FROM OUTSIDE THE
·····					0				J	ONTINENTAL US.
1		GRO	TOTAL DSS WEIGHT 12	TA	TOTAL ARE WEIGHT 0			12	"S	hippers imprint in lieu of stamp; not a part of
NOTE: Where the	e rate is dependent on va	alue, shipper	rs are required to state sp	ecifically in wri	iting the agreed or d	eclared val	ue of the pro	perty. The agreed of	1	Il of Lading approved by the Interstate ommerce Commission"
declared value of the	the property is hereby sp	pecifically sta	ated by the shipper to be	not exceeding	per				VII	
THIS IS TO CERTI TRANSPORTATIO	TFY THAT THE ABOVE- ON ACCORDING TO TH	-NAMED MA IE APPLICA	ATERIALS ARE PROPER BLE REGULATIONS OF	LY CLASSIFIE THE DEPART	ED, DESCRIBED, PA MENT OF TRANSP	CKAGED ORTATIO	, MARKED A V.	ND LABELED AND	ARE IN	PROPER CONDITION FOR
KERR-MCGEE CH Shipper permaneni shipper, Oklahoma	it post office address of	PE	er Olga Mae	stas	AGENT				PER	!

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 Customer Code: KERRMCGEE-MP

Henderson, NV 89009 PO#: Susan Crowley PO

Attn: Susan Crowley Group#: 162577 Phone: 702-651-2234 Project#: CLO4

Proj Mgr: Andrew Eaton Phone: (626) 386-1125

The following samples were received from you on 12/02/05. 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
2512020105	GWTP DISCHARC	and the second s	Water	01-dec-2005 10:00:00 CR-VI NO3RFA
2512020120	GWTP WEST WEI	L FEED CLO4	Water	01-dec-2005 10:00:00
2512020123	GWTP EAST WEI	L FEED CLO4 CR	Water CR-VI	01-dec-2005 10:00:00

Test Acronym Description

Test Acronym	Description
CLO3	Chlorate by IC
CLO4	Perchlorate
CR	Chromium, Total, ICAP
CR-VI	Hexavalent chromium (Cr VI)
NO3RFA	Nitrate + Nitrite as N by RFA



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

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#: 2512020105)

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

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2512020120)

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

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2512020123)

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

H3- Sample was received and analyzed past holding time.

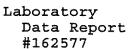


750 Royal Oaks Drive, Suite 100 Monrovia, California 91016-3629 Tel: 626 386 1100 Fax: 626 386 1101 1 800 566 LABS (1 800 566 5227)

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

Samples Received 02-dec-2005 14:10:35

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2512020105	GWTP DISCHARGE				
12/08/05 12/06/05 12/06/05 12/14/05	Chlorate by I Chromium, Tota Nitrate + Nit Perchlorate		450000 0.20 65.1 160000	10	ug/l mg/l mg/l ug/l	200000 0.02 5 200000
	2512020120	GWTP WEST WELL	FEED			
12/19/05 12/02/05 12/15/05	Hexavalent ch		2.2 2.3 1940000)	mg/l mg/l ug/l	0.1 0.05 200000
	2512020123	GWTP EAST WELL	FEED			
12/19/05 12/02/05 12/14/05	Hexavalent chi		17 19 1200000)	mg/l mg/l ug/l	0.2 0.25 200000





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)

Tronox LLC - Henderson Susan Crowley PO Box 55 Henderson , NV 89009 Samples Received 12/02/05

Prepare	d Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
GWTP	DISCHARGE	(2512	020105)	Sampled on 12/01/05	10:00			
	12/08/05 00:00	299125	(ML/EPA 300.1)	Chlorate by IC	4500000	ug/l	200000	20000
	12/14/05 18:10	299675	(EPA 314)	Perchlorate	1600000	ug/l	200000	50000
	12/06/05 12:41	298330	(MWH200.7/6010B)	Chromium, Total, ICAP	0.20	mg/l	0.02	2
	12/02/05 00:00	298057	(MWH SW7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/1	0.01	2
	12/06/05 00:00	298363	(ML/EPA 353.2)	Nitrate + Nitrite as N by RFA	65.1	mg/1	5	50
GWTP	WEST WELL	FEED	(2512020120)	Sampled on 12/0	01/05 10	: 00		
	12/15/05 22:43	299771	(EPA 314)	Perchlorate	1940000	ug/l	200000	50000
	12/19/05 17:45	300121	(MWH200.7/6010B)	Chromium, Total, ICAP	2.2	mg/l	0.1	10
	12/02/05 00:00	298057	(MWH SW7196)	Hexavalent chromium (Cr VI)	2.3(H3)	mg/l	0.05	10
GWTP	EAST WELL	FEED	(2512020123)	Sampled on 12/0	01/05 10:	:00		
	12/14/05 18:27	299675	(EPA 314)	Perchlorate	1200000	ug/l	200000	50000
	12/19/05 17:50	300121	(MWH200.7/6010B)	Chromium, Total, ICAP	17	mg/l	0.2	20
	12/02/05 00:00	298057	(MWH SW7196)	Hexavalent chromium (Cr VI)	19 (H3)	mg/l	0.25	50





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

Tronox LLC - Henderson

\mathbf{x}_{0} and \mathbf{x}_{0}	QC Re	f #298057	- Hexavale	nt chromium	(Cr VI)	Analysis	Date: 12	2/02/2005
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2512020105	GWTP DIS	SCHARGE	Analyzed b	oy: wbh
2512020120	GWTP WES	ST WELL FEEL	Analyzed l	oy: wbh
2512020123	GWTP EAS	ST WELL FEEL	Analyzed l	oy: wbh

QC Ref #298330 - Chromium, Total, ICAP Analysis Date: 12/06/2005

2512020105 GWTP DISCHARGE Analyzed by: wbh

QC Ref #298363 - Nitrate + Nitrite as N by RFA Analysis Date: 12/06/2005

2512020105 GWTP DISCHARGE Analyzed by: clv

QC Ref #299125 - Chlorate by IC Analysis Date: 12/08/2005

2512020105 GWTP DISCHARGE Analyzed by: bxs

QC Ref #299675 - Perchlorate Analysis Date: 12/14/2005

2512020105 GWTP DISCHARGE Analyzed by: bxs 2512020123 GWTP EAST WELL FEED Analyzed by: bxs

QC Ref #299771 - Perchlorate Analysis Date: 12/15/2005

2512020120 GWTP WEST WELL FEED Analyzed by: bxs

QC Ref #300121 - Chromium, Total, ICAP Analysis Date: 12/19/2005

2512020120 GWTP WEST WELL FEED Analyzed by: wbh 2512020123 GWTP EAST WELL FEED Analyzed by: wbh



750 Royaf Oaks Drive, Suite 100 Monrovia, California 91016-3629 Tel: 626 386 1100 Fax: 626 386 1101 1 800 566 LABS (1 600 566 5227)

Tronox LLC - Henderson

QC Rei	#298057 Hexaval	ent ch	romium	(Cr V	I)		
QC .	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	12020120	MGL	irera (4)	(0-0)	KFD (%)
LCS1	Hexavalent chromium (Cr VI)	0.050	0.051	MGL	102.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.050	MGL	100.0	(85-115)	2.0
MBLK	Hexavalent chromium (Cr VI)	ND	<0.005	MGL	100.0	(65-115)	2.0
MRL CHK	Hexavalent chromium (Cr VI)	0.005	0.004	MGL	80.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	0.50	0.47	MGL	94.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.50	0.47	MGL	94.0		0.00
	nexavere chromatin (at vi)	0.30	0.47	MGL	34.0	(70-130)	0.00
			_				
QC Rei	#298330 Chromiu	m, Tota	al, ICAI	?			
QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.965	MGL	96.5	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.931	MGL	93.1	(85-115)	3.6
MBLK	Chromium, Total, ICAP	ND	<0.01	MGL			
MS	Chromium, Total, ICAP	1.00	0.916	MGL	91.6	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.934	MGL	93.4	(70-130)	1.9
QC Ref	#298363 Nitrate	+ Nitr	rite as	N by	RFA		
				-			
QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 25	12020105	MGL		(0-0)	
LCS1	Nitrate + Nitrite as N by RFA	1.0	1.02	MGL	102.0	(90-110)	
LCS2	Nitrate + Nitrite as N by RFA	1.0	1.01	MGL	101.0	(90-110)	0.99
MBLK	Nitrate + Nitrite as N by RFA	ND	<0.1	MGL			
MRL_CHK	Nitrate + Nitrite as N by RFA	0.100	0.106	MGL	106.0	(50-150)	
мз	Nitrate + Nitrite as N by RFA	1.0	0.92	MGL	92.0	(90-110)	
MSD	Nitrate + Nitrite as N by RFA	1.0	1.04	MGL	104.0	(90~110)	12

Spikes which exceed Limits and Method Blanks with positive results are highlighted by <u>Underlining</u>. 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)

Tronox LLC - Henderson (continued)

QC Ref	#299125	Chlorate by IC	
QC .	Analyte	Spiked Recovered Units Yield(%) Limits(%) RPD	(%)
AASPKSMP	Spiked sample	Lab # 25 12060352 UGL (0~0)	
LCS1	Chlorate by IC	200 199 UGL 99.5 (75-125)	
LCS2	Chlorate by IC	200 197 UGL 98.5 (75-125) 1.0	
MBLK	Chlorate by IC	ND <10 UGL	
MRL_CHK	Chlorate by IC	10.000 10.0 UGL 100.0 (50-150)	
MS	Chlorate by IC	100 101 UGL 101.0 (75-125)	
MSD	Chlorate by IC	100 99 UGL 99.0 (75-125) 2.0	
QC Ref	#299675	Perchlorate	
QC	Analyte	Spiked Recovered Units Yield(%) Limits(%) RPD	(%)
LCS1	Perchlorate	25.0 24.1 UGL 96.4 (85-115)	
LCS2	Perchlorate	25.0 23.9 UGL 95.6 (85-115) 0.83	
MBLK	Perchlorate	ND <4 UGL	
MS	Perchlorate	25.0 22.3 UGL 89.2 (70-130)	
MSD	Perchlorate	25.0 23.1 UGL 92.4 (70-130) 3.5	
QC Ref	#299771	Perchlorate	
QC	Analyte	Spiked Recovered Units Yield (%) Limits (%) RPD ((%)
LCS1	Perchlorate	25.0 24.6 UGL 98.4 (85-115)	0,
LCS2	Perchlorate	25.0 24.4 UGL 97.6 (85-115) 0.82	
MBLK	Perchlorate	ND <4 UGL	
MS	Perchlorate	25.0 24.2 UGL 96.8 (70-130)	
MSD	Perchlorate	25.0 23.8 UGL 95.2 (70-130) 1.7	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by <u>Underlining.</u> 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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Tronox LLC - Henderson (continued)

QC Ref #300121 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.964	MGL	96.4	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.964	MGL	96.4	(85-115)	0.00
MBLK	Chromium, Total, ICAP	ND	<0.01	MGL			
MS	Chromium, Total, ICAP	1.00	0.964	MGL	96.4	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.955	MGL	95.5	(70-130)	0.94

Spikes which exceed Limits and Method Blanks with positive results are highlighted by <u>Underlining.</u> 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.