



# 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)

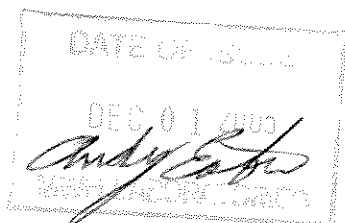
## Laboratory Report

for

Tronox LLC - Henderson  
PO Box 55

Henderson , NV 89009

Attention: Susan Crowley  
Fax: 702-651-2310



ADE Andy Eaton  
Project Manager



Report#: 160401  
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 24 page[s].





# MONTGOMERY WATSON LABORATORIES

# CHAIN OF CUSTODY RECORD

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

M/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: 604

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN  PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

Quantity Groundwater Sampling  
Schedule B

KERRMCGEE-MP

Sampler Michelle Brown

Michelle Brown Kerr-McGee Chemical LLC  
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	PH	EC	ClO4	CR6	TDS	See Bottle Order	SAMPLER Comments
5:56	11-1-05		I-S	RGW	X		X	X	X	X				2 Bottles
5:58	11-1-05		I-L	RGW	X		X	X	X	X				2 Bottles
6:01	11-1-05		I-R	RGW	X		X	X	X	X				2 Bottles
6:03	11-1-05		I-B	RGW	X		X	X	X	X				2 Bottles
7:12	11-1-05		M-64	RGW	X		X	X	X	X				2 Bottles
7:28	11-1-05		M-65	RGW	X		X	X	X	X				2 Bottles
7:42	11-1-05		M-66	RGW	X		X	X	X	X				2 Bottles
8:02	11-1-05		M-57A	RGW	X		X	X	X	X				2 Bottles
8:17	11-1-05		M-99	RGW	X		X	X	X	X				2 Bottles
8:33	11-1-05		M-98	RGW	X		X	X	X	X				2 Bottles
8:57	11-1-05		M-69	RGW	X		X	X	X	X				2 Bottles
9:06	11-1-05		M-79	RGW	X		X	X	X	X				2 Bottles

\* MATRIX TYPES:

Reported by Volume:  
CFW = Chlor(fam)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  
Charles Law

COMPANY/TITLE

Veolia Water NA for Kerr-McGee Chemical LLC

DATE

11-1-05 12:00PM

RELINQUISHED BY:

11/2/05 15:00

RECEIVED BY:

C.O.# smc052002

SCANNED



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# CHAIN OF CUSTODY RECORD

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

M/LABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: JS

SAMPLE TEMP, RECEIPT AT LAB: 40

BLUE ICE:  FROZEN  PARTIALLY FROZEN  THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

Quantity Groundwater Sampling

Schedule B

KERRMCGEE-MP

Sampler Michele Brown

Michele Brown Kerr-McGee Chemical LLC  
P.O. Box 55

Susan Crowley (702) 651-2234

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	ANALYSES								SAMPLER Comments
				CR	PH			EC	CL04	CR6	TDS	See Bottle Order				
11:09	11-1-05		M-10	RGW	RGW	X		X	X	X	X	X	X	X	X	4 Bottles
10:12	11-1-05		M-11	RGW	RGW	X		X	X	X	X	X	X	X	X	4 Bottles
17:46	11-1-05		ED-1	RGW	RGW	X		X	X	X	X	X	X	X	X	4 Bottles
				RGW	RGW	X										Bottles
				RGW	RGW	X										Bottles
				RGW	RGW	X										Bottles
				RGW	RGW	X										Bottles
				RGW	RGW	X										Bottles
				RGW	RGW	X										Bottles
				RGW	RGW	X										Bottles
				RGW	RGW	X										Bottles
				RGW	RGW	X										Bottles
				RGW	RGW	X										Bottles

\* MATRIX TYPES:

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

Reported by Weight:  
SO = Soil  
SL = Sludge

RGW = Raw Ground Water  
RSW = Raw Surface Water

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

60 Jars

11-1-05 MB

DATE TIME

COMPANY/TITLE  
Veolia Water NA for Kerr-McGee Chemical LLC

11-3-05 12:00PM

11/2/05 1430

RELINQUISHED BY: Michele Brown

RECEIVED BY: Charles Lane

RELINQUISHED BY:

RECEIVED BY:



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

# Bottle Order for Ironox LLC - Henderson Standing

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

Client Code KERRMCGEE-MP  
Project Code CL04  
PO# / Job#  
Blanket PO

Q Quarterly  
Week 1

Period

SO# 16962 16962 RS

Created by LXG 1

Order Date 11/11/03

Date Needed by Client  
Data Samples to Arrive at MWL  
**SHIP LOCATION**

## Ship Sample Kits to Tronox LLC-Veolia Water Gate 1 8000 West Lake Mead Drive Henderson, NV 89015

Send Report to  
Ironox LLC-Henderson Plant  
P.O. Box 55  
Henderson, NV 89009

Billing Address  
Ironox LLC  
P.O. Box 3049  
Livonia, MI 48150

ATTN: Susan Crowley  
PHONE: 702-651-2234

ATTN: Susan Crowley  
PHONE: 702-651-2234  
FAX: 702-651-2310

# of Samples Tests

Quote#

LXG

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

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
101	CR	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	CL04, EC, PH	1 125ml poly /no preservative AMBER IF WITH CL03!		
15	CR-VI	1 125ml poly acid rinsed/ no preservative		
15	TDS	1 500ml poly/ no preservative		
				bottle order revised 10-26 to go to 101 bottles from 90 - order for Q1, Q3, and Q4

ActiveCode 5  
Date Shipped  
Carrier  
Qty of Coolers  
Tracking Number  
Prepared By

SCANNED



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Report  
Comments  
#160401

**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#: 2511020320)

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

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2511020331)

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

H3- Sample was received and analyzed past holding time.

(QC Ref#: 2511020334)

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

H3- Sample was received and analyzed past holding time.



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Laboratory  
Hits Report  
#160401

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

Samples Received  
02-nov-2005 21:11:36

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511020295	I-O				
11/08/05	Chromium, Total, ICAP		26		mg/l	0.5
11/04/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
11/20/05	Perchlorate		1900000		ug/l	200000
11/04/05	Specific Conductance		12900		umho/cm	2
	2511020296	I-P				
11/08/05	Chromium, Total, ICAP		30		mg/l	0.2
11/04/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
11/20/05	Perchlorate		2000000		ug/l	200000
11/04/05	Specific Conductance		14400		umho/cm	2
	2511020297	I-H				
11/09/05	Chromium, Total, ICAP		29		mg/l	0.5
11/04/05	PH (H1=past HT, not compliant)		7.2	6.5-8.5	Units	0.001
11/20/05	Perchlorate		1700000		ug/l	200000
11/04/05	Specific Conductance		14300		umho/cm	2
	2511020298	I-U				
11/09/05	Chromium, Total, ICAP		24		mg/l	0.5
11/04/05	PH (H1=past HT, not compliant)		7.3	6.5-8.5	Units	0.001
11/20/05	Perchlorate		2000000		ug/l	200000
11/04/05	Specific Conductance		14400		umho/cm	2
	2511020299	I-T				
11/09/05	Chromium, Total, ICAP		28		mg/l	0.5
11/04/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001

SUMMARY OF POSITIVE DATA ONLY.



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Susan Crowley  
PO Box 55  
Henderson, NV 89009

Samples Received  
02-nov-2005 21:11:36

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511020299	I-T				
11/20/05	Perchlorate		1900000		ug/l	200000
11/04/05	Specific Conductance		15000		umho/cm	2
	2511020300	I-Q				
11/08/05	Chromium, Total, ICAP		30		mg/l	0.2
11/04/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
11/20/05	Perchlorate		1700000		ug/l	200000
11/04/05	Specific Conductance		15000		umho/cm	2
	2511020301	I-F				
11/08/05	Chromium, Total, ICAP		26		mg/l	0.1
11/04/05	PH (H1=past HT, not compliant)		7.4	6.5-8.5	Units	0.001
11/20/05	Perchlorate		1600000		ug/l	200000
11/04/05	Specific Conductance		13600		umho/cm	2
	2511020302	I-N				
11/08/05	Chromium, Total, ICAP		13		mg/l	0.1
11/04/05	PH (H1=past HT, not compliant)		7.5	6.5-8.5	Units	0.001
11/20/05	Perchlorate		2700000		ug/l	200000
11/04/05	Specific Conductance		12400		umho/cm	2
	2511020303	I-E				
11/09/05	Chromium, Total, ICAP		9.9		mg/l	0.1
11/07/05	PH (H1=past HT, not compliant)		7.7	6.5-8.5	Units	0.001
11/20/05	Perchlorate		1400000		ug/l	80000
11/04/05	Specific Conductance		10100		umho/cm	2

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 02-nov-2005 21:11:36

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511020303	I-E				
	2511020304	I-M				
11/08/05	Chromium, Total, ICAP		10		mg/l	0.1
11/07/05	PH (H1=past HT, not compliant)		7.7	6.5-8.5	Units	0.001
11/20/05	Perchlorate		1000000		ug/l	80000
11/04/05	Specific Conductance		9650		umho/cm	2
	2511020305	I-D				
11/15/05	Chromium, Total, ICAP		8.7		mg/l	0.05
11/13/05	Metals digestion performed.		Y		Yes/No	
11/07/05	PH (H1=past HT, not compliant)		7.9	6.5-8.5	Units	0.001
11/20/05	Perchlorate		1100000		ug/l	80000
11/04/05	Specific Conductance		9770		umho/cm	2
	2511020306	I-C				
11/08/05	Chromium, Total, ICAP		4.1		mg/l	0.05
11/07/05	PH (H1=past HT, not compliant)		7.8	6.5-8.5	Units	0.001
11/20/05	Perchlorate		1500000		ug/l	200000
11/04/05	Specific Conductance		9470		umho/cm	2
	2511020307	I-S				
11/08/05	Chromium, Total, ICAP		2.3		mg/l	0.02
11/07/05	PH (H1=past HT, not compliant)		7.8	6.5-8.5	Units	0.001
11/20/05	Perchlorate		1600000		ug/l	200000
11/04/05	Specific Conductance		9310		umho/cm	2

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 Henderson , NV 89009

Samples Received  
 02-nov-2005 21:11:36

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511020308	I-L				
	2511020308	I-L				
11/08/05	Chromium, Total, ICAP		1.3		mg/l	0.02
11/07/05	PH (H1=past HT, not compliant)		7.8	6.5-8.5	Units	0.001
11/20/05	Perchlorate		1900000		ug/l	200000
11/04/05	Specific Conductance		9080		umho/cm	2
	2511020309	I-R				
11/08/05	Chromium, Total, ICAP		0.82		mg/l	0.02
11/07/05	PH (H1=past HT, not compliant)		7.7	6.5-8.5	Units	0.001
11/20/05	Perchlorate		3000000		ug/l	200000
11/04/05	Specific Conductance		9150		umho/cm	2
	2511020310	I-B				
11/08/05	Chromium, Total, ICAP		0.29		mg/l	0.01
11/07/05	PH (H1=past HT, not compliant)		7.8	6.5-8.5	Units	0.001
11/20/05	Perchlorate		2100000		ug/l	200000
11/07/05	Specific Conductance		7280		umho/cm	2
	2511020311	M-64				
11/15/05	Chromium, Total, ICAP		3.8		mg/l	0.05
11/13/05	Metals digestion performed.		Y		Yes/No	
11/07/05	PH (H1=past HT, not compliant)		8.0	6.5-8.5	Units	0.001
11/20/05	Perchlorate		590000		ug/l	80000
11/07/05	Specific Conductance		4680		umho/cm	2

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Susan Crowley  
PO Box 55  
Henderson , NV 89009

Samples Received  
02-nov-2005 21:11:36

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511020312	M-65				
	2511020312	M-65				
11/09/05	Chromium, Total, ICAP		34		mg/l	0.5
11/07/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/21/05	Perchlorate		1500000		ug/l	200000
11/07/05	Specific Conductance		13600		umho/cm	2
	2511020313	M-66				
11/15/05	Chromium, Total, ICAP		35		mg/l	0.1
11/13/05	Metals digestion performed.		Y		Yes/No	
11/07/05	PH (H1=past HT, not compliant)		7.6	6.5-8.5	Units	0.001
11/21/05	Perchlorate		1900000		ug/l	200000
11/07/05	Specific Conductance		13600		umho/cm	2
	2511020314	M-57A				
11/08/05	Chromium, Total, ICAP		0.065		mg/l	0.02
11/07/05	PH (H1=past HT, not compliant)		8.0	6.5-8.5	Units	0.001
11/21/05	Perchlorate		22000		ug/l	4000
11/07/05	Specific Conductance		3470		umho/cm	2
	2511020315	M-99				
11/08/05	Chromium, Total, ICAP		0.70		mg/l	0.02
11/07/05	PH (H1=past HT, not compliant)		8.0	6.5-8.5	Units	0.001
11/21/05	Perchlorate		960000		ug/l	80000
11/07/05	Specific Conductance		5870		umho/cm	2

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 Susan Crowley  
 PO Box 55  
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Samples Received  
 02-nov-2005 21:11:36

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511020316	M-98				
	2511020316	M-98				
11/15/05	Chromium, Total, ICAP		0.078		mg/l	0.02
11/13/05	Metals digestion performed.		Y		Yes/No	
11/07/05	PH (H1=past HT, not compliant)		8.1	6.5-8.5	Units	0.001
11/21/05	Perchlorate		47000		ug/l	4000
11/07/05	Specific Conductance		4870		umho/cm	2
	2511020317	M-69				
11/08/05	Chromium, Total, ICAP		0.049		mg/l	0.02
11/07/05	PH (H1=past HT, not compliant)		8.0	6.5-8.5	Units	0.001
11/21/05	Perchlorate		850000		ug/l	40000
11/07/05	Specific Conductance		4960		umho/cm	2
	2511020318	M-79				
11/08/05	Chromium, Total, ICAP		0.044		mg/l	0.02
11/07/05	PH (H1=past HT, not compliant)		8.1	6.5-8.5	Units	0.001
11/21/05	Perchlorate		17000		ug/l	4000
11/07/05	Specific Conductance		1590		umho/cm	2
	2511020320	M-10				
11/23/05	Chromium, Total, ICAP		1.6		mg/l	0.02
11/02/05	Hexavalent chromium (Cr VI)		0.13		mg/l	0.05
11/22/05	Metals digestion performed.		Y		Yes/No	
11/07/05	PH (H1=past HT, not compliant)		8.0	6.5-8.5	Units	0.001
11/21/05	Perchlorate		28000		ug/l	2000

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Susan Crowley  
PO Box 55  
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Samples Received  
02-nov-2005 21:11:36

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2511020320	M-10				
11/07/05			Specific Conductance	3360		
11/04/05			Total Dissolved Solid (TDS)	3040	umho/cm	2
				500	mg/l	10
	2511020331	M-11				
11/09/05			Chromium, Total, ICAP	2.7	mg/l	0.02
11/02/05			Hexavalent chromium (Cr VI)	0.13	mg/l	0.05
11/07/05			PH (H1=past HT, not compliant)	8.2	6.5-8.5 Units	0.001
11/21/05			Perchlorate	51000	ug/l	4000
11/07/05			Specific Conductance	3790	umho/cm	2
11/04/05			Total Dissolved Solid (TDS)	3600	mg/l	10
	2511020334	EB-1				
11/07/05			PH (H1=past HT, not compliant)	8.2	6.5-8.5 Units	0.001
11/21/05			Perchlorate	360	ug/l	200
11/07/05			Specific Conductance	23.7	umho/cm	2

SUMMARY OF POSITIVE DATA ONLY.

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

 Samples Received  
 11/02/05

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>I-O (2511020295)      Sampled on 11/01/05 05:27</b>								
	11/20/05 17:03	296529	( EPA 314 )	Perchlorate	1900000	ug/l	200000	50000
	11/08/05 23:00	294222	( MWH200.7/6010B )	Chromium, Total, ICAP	26	mg/l	0.5	50
	11/04/05 12:36	293788	( 2510B/ SW9050 )	Specific Conductance	12900	umho/cm	2	1
	11/04/05 00:00	293924	( 4500HB/ E 150 )	PH (Hl=past HT, not compliant)	7.4	Units	0.001	1
<b>I-P (2511020296)      Sampled on 11/01/05 05:30</b>								
	11/20/05 17:20	296529	( EPA 314 )	Perchlorate	2000000	ug/l	200000	50000
	11/08/05 21:07	294222	( MWH200.7/6010B )	Chromium, Total, ICAP	30	mg/l	0.2	20
	11/04/05 12:36	293788	( 2510B/ SW9050 )	Specific Conductance	14400	umho/cm	2	1
	11/04/05 00:00	293924	( 4500HB/ E 150 )	PH (Hl=past HT, not compliant)	7.4	Units	0.001	1
<b>I-H (2511020297)      Sampled on 11/01/05 05:32</b>								
	11/20/05 17:37	296529	( EPA 314 )	Perchlorate	1700000	ug/l	200000	50000
	11/09/05 00:41	294223	( MWH200.7/6010B )	Chromium, Total, ICAP	29	mg/l	0.5	50
	11/04/05 12:36	293788	( 2510B/ SW9050 )	Specific Conductance	14300	umho/cm	2	1
	11/04/05 00:00	293924	( 4500HB/ E 150 )	PH (Hl=past HT, not compliant)	7.2	Units	0.001	1
<b>I-U (2511020298)      Sampled on 11/01/05 05:34</b>								
	11/20/05 17:54	296529	( EPA 314 )	Perchlorate	2000000	ug/l	200000	50000
	11/09/05 01:42	294223	( MWH200.7/6010B )	Chromium, Total, ICAP	24	mg/l	0.5	50
	11/04/05 12:36	293788	( 2510B/ SW9050 )	Specific Conductance	14400	umho/cm	2	1
	11/04/05 00:00	293924	( 4500HB/ E 150 )	PH (Hl=past HT, not compliant)	7.3	Units	0.001	1
<b>I-T (2511020299)      Sampled on 11/01/05 05:37</b>								
	11/20/05 18:11	296529	( EPA 314 )	Perchlorate	1900000	ug/l	200000	50000
	11/09/05 01:35	294223	( MWH200.7/6010B )	Chromium, Total, ICAP	28	mg/l	0.5	50
	11/04/05 12:36	293788	( 2510B/ SW9050 )	Specific Conductance	15000	umho/cm	2	1
	11/04/05 00:00	293924	( 4500HB/ E 150 )	PH (Hl=past HT, not compliant)	7.4	Units	0.001	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>I-Q (2511020300)      Sampled on 11/01/05 05:39</b>								
	11/20/05 18:28	296529	( EPA 314 )	Perchlorate	1700000	ug/l	200000	50000
	11/08/05 21:11	294222	( MWH200.7/6010B )	Chromium, Total, ICAP	30	mg/l	0.2	20
	11/04/05 12:52	293789	( 2510B/ SW9050 )	Specific Conductance	15000	umho/cm	2	1
	11/04/05 00:00	293924	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.4	Units	0.001	1
<b>I-F (2511020301)      Sampled on 11/01/05 05:41</b>								
	11/20/05 18:45	296529	( EPA 314 )	Perchlorate	1600000	ug/l	200000	50000
	11/08/05 20:15	294221	( MWH200.7/6010B )	Chromium, Total, ICAP	26	mg/l	0.1	10
	11/04/05 12:52	293789	( 2510B/ SW9050 )	Specific Conductance	13600	umho/cm	2	1
	11/04/05 00:00	293924	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.4	Units	0.001	1
<b>I-N (2511020302)      Sampled on 11/01/05 05:43</b>								
	11/20/05 19:19	296529	( EPA 314 )	Perchlorate	2700000	ug/l	200000	50000
	11/08/05 23:21	294222	( MWH200.7/6010B )	Chromium, Total, ICAP	13	mg/l	0.1	10
	11/04/05 12:52	293789	( 2510B/ SW9050 )	Specific Conductance	12400	umho/cm	2	1
	11/04/05 00:00	293924	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.5	Units	0.001	1
<b>I-E (2511020303)      Sampled on 11/01/05 05:46</b>								
	11/20/05 19:36	296529	( EPA 314 )	Perchlorate	1400000	ug/l	80000	20000
	11/09/05 00:37	294223	( MWH200.7/6010B )	Chromium, Total, ICAP	9.9	mg/l	0.1	10
	11/04/05 12:52	293789	( 2510B/ SW9050 )	Specific Conductance	10100	umho/cm	2	1
	11/07/05 00:00	294084	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.7	Units	0.001	1
<b>I-M (2511020304)      Sampled on 11/01/05 05:49</b>								
	11/20/05 19:53	296529	( EPA 314 )	Perchlorate	1000000	ug/l	80000	20000
	11/08/05 20:19	294221	( MWH200.7/6010B )	Chromium, Total, ICAP	10	mg/l	0.1	10
	11/04/05 12:52	293789	( 2510B/ SW9050 )	Specific Conductance	9650	umho/cm	2	1
	11/07/05 00:00	294084	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.7	Units	0.001	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>I-D (2511020305)      Sampled on 11/01/05 05:51</b>								
	11/20/05 20:10	296529	( EPA 314 )	Perchlorate	1100000	ug/l	80000	20000
	11/15/05 09:36	295336	( MWH200.7/6010B )	Chromium, Total, ICAP	8.7	mg/l	0.05	5
	11/13/05 12:31		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/04/05 12:52	293789	( 2510B/ SW9050 )	Specific Conductance	9770	umho/cm	2	1
	11/07/05 00:00	294084	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.9	Units	0.001	1
<b>I-C (2511020306)      Sampled on 11/01/05 05:54</b>								
	11/20/05 20:27	296529	( EPA 314 )	Perchlorate	1500000	ug/l	200000	50000
	11/08/05 22:35	294222	( MWH200.7/6010B )	Chromium, Total, ICAP	4.1	mg/l	0.05	5
	11/04/05 12:52	293789	( 2510B/ SW9050 )	Specific Conductance	9470	umho/cm	2	1
	11/07/05 00:00	294084	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.8	Units	0.001	1
<b>I-S (2511020307)      Sampled on 11/01/05 05:56</b>								
	11/20/05 20:44	296529	( EPA 314 )	Perchlorate	1600000	ug/l	200000	50000
	11/08/05 22:39	294222	( MWH200.7/6010B )	Chromium, Total, ICAP	2.3	mg/l	0.02	2
	11/04/05 12:52	293789	( 2510B/ SW9050 )	Specific Conductance	9310	umho/cm	2	1
	11/07/05 00:00	294084	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.8	Units	0.001	1
<b>I-L (2511020308)      Sampled on 11/01/05 05:58</b>								
	11/20/05 21:01	296529	( EPA 314 )	Perchlorate	1900000	ug/l	200000	50000
	11/08/05 22:56	294222	( MWH200.7/6010B )	Chromium, Total, ICAP	1.3	mg/l	0.02	2
	11/04/05 12:52	293789	( 2510B/ SW9050 )	Specific Conductance	9080	umho/cm	2	1
	11/07/05 00:00	294084	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.8	Units	0.001	1
<b>I-R (2511020309)      Sampled on 11/01/05 06:01</b>								
	11/20/05 21:18	296529	( EPA 314 )	Perchlorate	3000000	ug/l	200000	50000
	11/08/05 21:53	294222	( MWH200.7/6010B )	Chromium, Total, ICAP	0.82	mg/l	0.02	2
	11/04/05 12:52	293789	( 2510B/ SW9050 )	Specific Conductance	9150	umho/cm	2	1
	11/07/05 00:00	294084	( 4500HB/ E 150 )	PH (HI=past HT, not compliant)	7.7	Units	0.001	1





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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>I-B (2511020310)      Sampled on 11/01/05 06:03</b>								
	11/20/05 21:35	296529	( EPA 314 )	Perchlorate	2100000	ug/l	200000	50000
	11/08/05 22:47	294222	( MWH200.7/6010B )	Chromium, Total, ICAP	0.29	mg/l	0.01	1
	11/07/05 13:21	293972	( 2510B/ SW9050 )	Specific Conductance	7280	umho/cm	2	1
	11/07/05 00:00	294084	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	7.8	Units	0.001	1
<b>M-64 (2511020311)      Sampled on 11/01/05 07:12</b>								
	11/20/05 21:52	296529	( EPA 314 )	Perchlorate	590000	ug/l	80000	20000
	11/15/05 09:32	295336	( MWH200.7/6010B )	Chromium, Total, ICAP	3.8	mg/l	0.05	5
	11/13/05 12:31		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/07/05 11:22	293962	( 2510B/ SW9050 )	Specific Conductance	4680	umho/cm	2	1
	11/07/05 00:00	294084	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	8.0	Units	0.001	1
<b>M-65 (2511020312)      Sampled on 11/01/05 07:28</b>								
	11/21/05 13:46	296834	( EPA 314 )	Perchlorate	1500000	ug/l	200000	50000
	11/09/05 01:45	294223	( MWH200.7/6010B )	Chromium, Total, ICAP	34	mg/l	0.5	50
	11/07/05 11:22	293962	( 2510B/ SW9050 )	Specific Conductance	13600	umho/cm	2	1
	11/07/05 00:00	294084	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	7.6	Units	0.001	1
<b>M-66 (2511020313)      Sampled on 11/01/05 07:42</b>								
	11/21/05 14:03	296834	( EPA 314 )	Perchlorate	1900000	ug/l	200000	50000
	11/15/05 09:43	295336	( MWH200.7/6010B )	Chromium, Total, ICAP	35	mg/l	0.1	10
	11/13/05 12:31		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/07/05 11:22	293962	( 2510B/ SW9050 )	Specific Conductance	13600	umho/cm	2	1
	11/07/05 00:00	294086	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	7.6	Units	0.001	1
<b>M-57A (2511020314)      Sampled on 11/01/05 08:02</b>								
	11/21/05 14:20	296834	( EPA 314 )	Perchlorate	22000	ug/l	4000	1000
	11/08/05 21:57	294222	( MWH200.7/6010B )	Chromium, Total, ICAP	0.065	mg/l	0.02	2
	11/07/05 11:22	293962	( 2510B/ SW9050 )	Specific Conductance	3470	umho/cm	2	1
	11/07/05 00:00	294086	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	8.0	Units	0.001	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>M-99 (2511020315)      Sampled on 11/01/05 08:17</b>								
	11/21/05 14:37	296834	( EPA 314 )	Perchlorate	960000	ug/l	80000	20000
	11/08/05 20:24	294221	( MWH200.7/6010B )	Chromium, Total, ICAP	0.70	mg/l	0.02	2
	11/07/05 11:22	293962	( 2510B/ SW9050 )	Specific Conductance	5870	umho/cm	2	1
	11/07/05 00:00	294086	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	8.0	Units	0.001	1
<b>M-98 (2511020316)      Sampled on 11/01/05 08:33</b>								
	11/21/05 14:54	296834	( EPA 314 )	Perchlorate	47000	ug/l	4000	1000
	11/15/05 18:20	295514	( MWH200.7/6010B )	Chromium, Total, ICAP	0.078	mg/l	0.02	2
	11/13/05 12:35		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/07/05 11:22	293962	( 2510B/ SW9050 )	Specific Conductance	4870	umho/cm	2	1
	11/07/05 00:00	294086	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	8.1	Units	0.001	1
<b>M-69 (2511020317)      Sampled on 11/01/05 08:51</b>								
	11/21/05 15:11	296834	( EPA 314 )	Perchlorate	850000	ug/l	40000	10000
	11/08/05 21:49	294222	( MWH200.7/6010B )	Chromium, Total, ICAP	0.049	mg/l	0.02	2
	11/07/05 11:22	293962	( 2510B/ SW9050 )	Specific Conductance	4960	umho/cm	2	1
	11/07/05 00:00	294086	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	8.0	Units	0.001	1
<b>M-79 (2511020318)      Sampled on 11/01/05 09:06</b>								
	11/21/05 15:28	296834	( EPA 314 )	Perchlorate	17000	ug/l	4000	1000
	11/08/05 22:51	294222	( MWH200.7/6010B )	Chromium, Total, ICAP	0.044	mg/l	0.02	2
	11/07/05 11:22	293962	( 2510B/ SW9050 )	Specific Conductance	1590	umho/cm	2	1
	11/07/05 00:00	294086	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	8.1	Units	0.001	1
<b>M-10 (2511020320)      Sampled on 11/01/05 11:09</b>								
	11/21/05 15:45	296834	( EPA 314 )	Perchlorate	28000	ug/l	2000	500
	11/23/05 00:00	297071	( MWH200.7/6010B )	Chromium, Total, ICAP	1.6	mg/l	0.02	2
	11/02/05 00:00	294078	( MWH SW7196 )	Hexavalent chromium (Cr VI)	0.13 (H3)	mg/l	0.05	10
	11/22/05 13:50		( EPA 200 Prep )	Metals digestion performed.	Y	Yes/No	0	1
	11/07/05 11:22	293962	( 2510B/ SW9050 )	Specific Conductance	3360	umho/cm	2	1
	11/07/05 00:00	294086	( 4500HB/ E 150 )	PH (H1=past HT, not compliant)	8.0	Units	0.001	1
11/04/05	11/04/05 11:00	293831	( SM 2540C )	Total Dissolved Solid (TDS)	3040	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
<b>M-11 (2511020331)</b>		<b>Sampled on 11/01/05 10:12</b>						
	11/21/05 16:02	296834	( EPA 314 )	Perchlorate	51000	ug/l	4000	1000
	11/09/05 01:38	294223	( MWH200.7/6010B )	Chromium, Total, ICAP	2.7	mg/l	0.02	2
	11/02/05 00:00	294078	( MWH SW7196 )	Hexavalent chromium (Cr VI)	0.13 (H3)	mg/l	0.05	10
	11/07/05 11:44	293965	( 2510B/ SW9050 )	Specific Conductance	3790	umho/cm	2	1
	11/07/05 00:00	294086	( 4500HB/ E 150 )	PH (H1-past HT, not compliant)	8.2	Units	0.001	1
11/04/05	11/04/05 11:00	293831	( SM 2540C )	Total Dissolved Solid (TDS)	3600	mg/l	10	1
<b>EB-1 (2511020334)</b>		<b>Sampled on 11/01/05 07:46</b>						
	11/21/05 16:36	296834	( EPA 314 )	Perchlorate	360	ug/l	200	50
	11/08/05 22:08	294222	( MWH200.7/6010B )	Chromium, Total, ICAP	ND	mg/l	0.01	1
	11/02/05 00:00	294078	( MWH SW7196 )	Hexavalent chromium (Cr VI)	ND (H3)	mg/l	0.005	1
	11/07/05 11:44	293965	( 2510B/ SW9050 )	Specific Conductance	23.7	umho/cm	2	1
	11/07/05 00:00	294086	( 4500HB/ E 150 )	PH (H1-past HT, not compliant)	8.2	Units	0.001	1
11/04/05	11/04/05 11:00	293831	( SM 2540C )	Total Dissolved Solid (TDS)	ND	mg/l	10	1



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## QC Ref #293788 - Specific Conductance

Analysis Date: 11/04/2005

2511020295	I-O	Analyzed by: sar
2511020296	I-P	Analyzed by: sar
2511020297	I-H	Analyzed by: sar
2511020298	I-U	Analyzed by: sar
2511020299	I-T	Analyzed by: sar

## QC Ref #293789 - Specific Conductance

Analysis Date: 11/04/2005

2511020300	I-Q	Analyzed by: sar
2511020301	I-F	Analyzed by: sar
2511020302	I-N	Analyzed by: sar
2511020303	I-E	Analyzed by: sar
2511020304	I-M	Analyzed by: sar
2511020305	I-D	Analyzed by: sar
2511020306	I-C	Analyzed by: sar
2511020307	I-S	Analyzed by: sar
2511020308	I-L	Analyzed by: sar
2511020309	I-R	Analyzed by: sar

## QC Ref #293831 - Total Dissolved Solid (TDS)

Analysis Date: 11/04/2005

2511020320	M-10	Analyzed by: lmr
2511020331	M-11	Analyzed by: lmr
2511020334	EB-1	Analyzed by: lmr

## QC Ref #293924 - PH (H1=past HT, not compliant) Analysis Date: 11/04/2005

2511020295	I-O	Analyzed by: aide
2511020296	I-P	Analyzed by: aide
2511020297	I-H	Analyzed by: aide
2511020298	I-U	Analyzed by: aide
2511020299	I-T	Analyzed by: aide
2511020300	I-Q	Analyzed by: aide
2511020301	I-F	Analyzed by: aide
2511020302	I-N	Analyzed by: aide



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## QC Ref #293962 - Specific Conductance

Analysis Date: 11/07/2005

2511020311	M-64	Analyzed by: sar
2511020312	M-65	Analyzed by: sar
2511020313	M-66	Analyzed by: sar
2511020314	M-57A	Analyzed by: sar
2511020315	M-99	Analyzed by: sar
2511020316	M-98	Analyzed by: sar
2511020317	M-69	Analyzed by: sar
2511020318	M-79	Analyzed by: sar
2511020320	M-10	Analyzed by: sar

## QC Ref #293965 - Specific Conductance

Analysis Date: 11/07/2005

2511020331	M-11	Analyzed by: sar
2511020334	EB-1	Analyzed by: sar

## QC Ref #293972 - Specific Conductance

Analysis Date: 11/07/2005

2511020310	I-B	Analyzed by: sar
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## QC Ref #294078 - Hexavalent chromium (Cr VI)

Analysis Date: 11/02/2005

2511020320	M-10	Analyzed by: dtn
2511020331	M-11	Analyzed by: dtn
2511020334	EB-1	Analyzed by: dtn

## QC Ref #294084 - PH (H1=past HT, not compliant) Analysis Date: 11/07/2005

2511020303	I-E	Analyzed by: aide
2511020304	I-M	Analyzed by: aide
2511020305	I-D	Analyzed by: aide
2511020306	I-C	Analyzed by: aide
2511020307	I-S	Analyzed by: aide
2511020308	I-L	Analyzed by: aide
2511020309	I-R	Analyzed by: aide
2511020310	I-B	Analyzed by: aide
2511020311	M-64	Analyzed by: aide



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2511020312

M-65

Analyzed by: aide

QC Ref #294086 - PH (H1=past HT, not compliant) Analysis Date: 11/07/2005

2511020313

M-66

Analyzed by: aide

2511020314

M-57A

Analyzed by: aide

2511020315

M-99

Analyzed by: aide

2511020316

M-98

Analyzed by: aide

2511020317

M-69

Analyzed by: aide

2511020318

M-79

Analyzed by: aide

2511020320

M-10

Analyzed by: aide

2511020331

M-11

Analyzed by: aide

2511020334

EB-1

Analyzed by: aide

QC Ref #294221 - Chromium, Total, ICAP

Analysis Date: 11/08/2005

2511020301

I-F

Analyzed by: wbh

2511020304

I-M

Analyzed by: wbh

2511020315

M-99

Analyzed by: wbh

QC Ref #294222 - Chromium, Total, ICAP

Analysis Date: 11/08/2005

2511020295

I-O

Analyzed by: wbh

2511020296

I-P

Analyzed by: wbh

2511020300

I-Q

Analyzed by: wbh

2511020302

I-N

Analyzed by: wbh

2511020306

I-C

Analyzed by: wbh

2511020307

I-S

Analyzed by: wbh

2511020308

I-L

Analyzed by: wbh

2511020309

I-R

Analyzed by: wbh

2511020310

I-B

Analyzed by: wbh

2511020314

M-57A

Analyzed by: wbh

2511020317

M-69

Analyzed by: wbh

2511020318

M-79

Analyzed by: wbh

2511020334

EB-1

Analyzed by: wbh



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Laboratory  
QC Summary  
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Tronox LLC - Henderson  
(continued)

QC Ref #294223 - Chromium, Total, ICAP

Analysis Date: 11/09/2005

2511020297	I-H	Analyzed by: wbh
2511020298	I-U	Analyzed by: wbh
2511020299	I-T	Analyzed by: wbh
2511020303	I-E	Analyzed by: wbh
2511020312	M-65	Analyzed by: wbh
2511020331	M-11	Analyzed by: wbh

QC Ref #295336 - Chromium, Total, ICAP

Analysis Date: 11/15/2005

2511020305	I-D	Analyzed by: wbh
2511020311	M-64	Analyzed by: wbh
2511020313	M-66	Analyzed by: wbh

QC Ref #295514 - Chromium, Total, ICAP

Analysis Date: 11/15/2005

2511020316	M-98	Analyzed by: wbh
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QC Ref #296529 - Perchlorate

Analysis Date: 11/20/2005

2511020295	I-O	Analyzed by: bxs
2511020296	I-P	Analyzed by: bxs
2511020297	I-H	Analyzed by: bxs
2511020298	I-U	Analyzed by: bxs
2511020299	I-T	Analyzed by: bxs
2511020300	I-Q	Analyzed by: bxs
2511020301	I-F	Analyzed by: bxs
2511020302	I-N	Analyzed by: bxs
2511020303	I-E	Analyzed by: bxs
2511020304	I-M	Analyzed by: bxs
2511020305	I-D	Analyzed by: bxs
2511020306	I-C	Analyzed by: bxs
2511020307	I-S	Analyzed by: bxs
2511020308	I-L	Analyzed by: bxs
2511020309	I-R	Analyzed by: bxs
2511020310	I-B	Analyzed by: bxs
2511020311	M-64	Analyzed by: bxs



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QC Summary  
#160401

Tronox LLC - Henderson  
(continued)

QC Ref #296834 - Perchlorate

Analysis Date: 11/21/2005

2511020312	M-65	Analyzed by: bxs
2511020313	M-66	Analyzed by: bxs
2511020314	M-57A	Analyzed by: bxs
2511020315	M-99	Analyzed by: bxs
2511020316	M-98	Analyzed by: bxs
2511020317	M-69	Analyzed by: bxs
2511020318	M-79	Analyzed by: bxs
2511020320	M-10	Analyzed by: bxs
2511020331	M-11	Analyzed by: bxs
2511020334	EB-1	Analyzed by: bxs

QC Ref #297071 - Chromium, Total, ICAP

Analysis Date: 11/23/2005

2511020320	M-10	Analyzed by: wbh
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## Tronox LLC - Henderson

**QC Ref #293788                      Specific Conductance**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	15000	15000	UMHO		( 0-20 )	0.0
MRL_CHK	Specific Conductance	10.0	11.0	UMHO	110.0	( 50-150 )	

**QC Ref #293789                      Specific Conductance**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	9150	9180	UMHO		( 0-20 )	0.3
MRL_CHK	Specific Conductance	10.0	11.0	UMHO	110.0	( 50-150 )	

**QC Ref #293831                      Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	11010522	MGL		( 0-0 )	
DUP	Total Dissolved Solid (TDS)	6340	6270	MGL		( 0-10 )	1.1
LCS1	Total Dissolved Solid (TDS)	175	185	MGL	105.7	( 85-115 )	
LCS2	Total Dissolved Solid (TDS)	700	708	MGL	101.1	( 85-115 )	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	( 50-150 )	

**QC Ref #293924                      PH (H1=past HT, not compliant)**

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	7.5	7.5	UNIT		( 0-20 )	0.0

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Tronox LLC - Henderson  
(continued)

QC Ref #293962      Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	3360	3420	UMHO		( 0-20 )	1.8
MRL_CHK	Specific Conductance	2.000	2.05	UMHO	102.5	( 50-150 )	

QC Ref #293965      Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	7920	7840	UMHO		( 0-20 )	1.0
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 #294078      Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	11020334	MGL		( 0-0 )	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.048	MGL	96.0	( 85-115 )	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.048	MGL	96.0	( 85-115 )	0.00
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	0.053	MGL	106.0	( 70-130 )	
MSD	Hexavalent chromium (Cr VI)	0.05	0.052	MGL	104.0	( 70-130 )	1.9

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Tronox LLC - Henderson  
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## QC Ref #294084 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 #294086 PH (H1=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H1=past HT, not compliant)	8.1	8.1	UNIT		( 0-20 )	0.0

## QC Ref #294221 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.937	MGL	93.7	( 85-115 )	
LCS2	Chromium, Total, ICAP	1.00	0.951	MGL	95.1	( 85-115 )	1.5
MBLK	Chromium, Total, ICAP	ND	<0.01	MGL			
MS	Chromium, Total, ICAP	1.00	0.926	MGL	92.6	( 70-130 )	
MSD	Chromium, Total, ICAP	1.00	0.928	MGL	92.8	( 70-130 )	0.22

## QC Ref #294222 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.937	MGL	93.7	( 85-115 )	
LCS2	Chromium, Total, ICAP	1.00	0.951	MGL	95.1	( 85-115 )	1.5
MBLK	Chromium, Total, ICAP	ND	<0.01	MGL			
MS	Chromium, Total, ICAP	1.00	0.926	MGL	92.6	( 70-130 )	
MSD	Chromium, Total, ICAP	1.00	0.933	MGL	93.3	( 70-130 )	0.75

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QC Report  
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Tronox LLC - Henderson  
(continued)

QC Ref #294223

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.939	MGL	93.9	( 85-115 )	
LCS2	Chromium, Total, ICAP	1.00	0.934	MGL	93.4	( 85-115 )	0.53
MBLK	Chromium, Total, ICAP	ND	<0.01	MGL			
MS	Chromium, Total, ICAP	1.00	0.926	MGL	92.6	( 70-130 )	
MSD	Chromium, Total, ICAP	1.00	0.933	MGL	93.3	( 70-130 )	0.75

QC Ref #295336

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.989	MGL	98.9	( 85-115 )	
LCS2	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	( 85-115 )	2.1
MBLK	Chromium, Total, ICAP	ND	<0.01	MGL			
MS	Chromium, Total, ICAP	1.00	1.0	MGL	100.0	( 70-130 )	
MSD	Chromium, Total, ICAP	1.00	1.01	MGL	101.0	( 70-130 )	1.00

QC Ref #295514

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP	1.00	0.94	MGL	94.0	( 85-115 )	
LCS2	Chromium, Total, ICAP	1.00	0.927	MGL	92.7	( 85-115 )	1.4
MBLK	Chromium, Total, ICAP	ND	<0.01	MGL			
MS	Chromium, Total, ICAP	1.00	0.976	MGL	97.6	( 70-130 )	
MSD	Chromium, Total, ICAP	1.00	0.996	MGL	99.6	( 70-130 )	2.0

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QC Ref #296529

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	23.9	UGL	95.6	( 85-115 )	
LCS1	Perchlorate	25.0	24	UGL	96.0	( 85-115 )	
MBLK	Perchlorate	ND	<4	UGL			
MS	Perchlorate	25.0	23.6	UGL	94.4	( 70-130 )	
MSD	Perchlorate	25.0	23.6	UGL	94.4	( 70-130 )	0.00

QC Ref #296834

Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	24.2	UGL	96.8	( 85-115 )	
LCS1	Perchlorate	25.0	24.5	UGL	98.0	( 85-115 )	
MBLK	Perchlorate	ND	<4	UGL			
MS	Perchlorate	25.0	25.6	UGL	102.4	( 70-130 )	
MSD	Perchlorate	25.0	25.7	UGL	102.8	( 70-130 )	0.39

QC Ref #297071

Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 25	10310130	MGL		( 0-0 )	
LCS1	Chromium, Total, ICAP	1.00	0.969	MGL	96.9	( 85-115 )	
LCS2	Chromium, Total, ICAP	1.00	0.969	MGL	96.9	( 85-115 )	
MBLK	Chromium, Total, ICAP	ND	<0.01	MGL			0.00
MRL_CHK	Chromium, Total, ICAP	0.010	0.0096	MGL	96.0	( 50-150 )	
MS	Chromium, Total, ICAP	50	50.00	MGL	100.0	( 70-130 )	
MSD	Chromium, Total, ICAP	50	48.9	MGL	97.8	( 70-130 )	2.2

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