



MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
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1 800 566 LABS (1 800 566 5227)

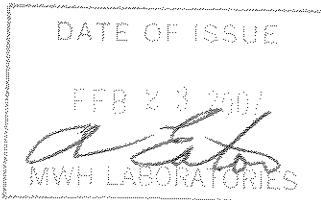
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager

Report#194964R replaces the original Report.



Report#: 194964R
Project: CLO4
PO#: Susan Crowle

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments, QC Report, QC Summary, Data Report, Hits Report, totaling 21 page[s].



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Report
Comments
#194964

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: _____

Group Comments

Report revised to correct duplicate QC for TDS.

(QC Ref#: 2702010307)

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

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

(QC Ref#: 2702010310)

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

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

(QC Ref#: 2702010337)

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

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

(QC Ref#: 2702010347)

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

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



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Laboratory
 Hits Report
 #194964

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

Samples Received
 01-feb-2007 16:26:28

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702010301	M-97				
02/07/07			Chromium, Total, ICAP	0.066	mg/l	0.020
02/05/07			Metals digestion performed.	Y	Yes/No	
02/02/07			PH (H3=past HT, not compliant)	7.9	Units	0.0010
02/02/07			Perchlorate	77700	ug/l	4000
02/05/07			Total Dissolved Solid (TDS)	3660	500 mg/l	10
	2702010303	M-92				
02/05/07			Metals digestion performed.	Y	Yes/No	
02/02/07			PH (H3=past HT, not compliant)	7.9	Units	0.0010
02/02/07			Perchlorate	674	ug/l	40
02/05/07			Total Dissolved Solid (TDS)	1990	500 mg/l	10
	2702010304	M-93				
02/07/07			Chromium, Total, ICAP	0.096	mg/l	0.020
02/05/07			Metals digestion performed.	Y	Yes/No	
02/02/07			PH (H3=past HT, not compliant)	7.9	Units	0.0010
02/06/07			Perchlorate	6780	ug/l	400
02/05/07			Total Dissolved Solid (TDS)	2820	500 mg/l	10
	2702010307	M-10				
02/07/07			Chromium, Total, ICAP	0.61	mg/l	0.020
02/05/07			Metals digestion performed.	Y	Yes/No	
02/02/07			PH (H3=past HT, not compliant)	7.7	Units	0.0010
02/02/07			Perchlorate	32000	ug/l	2000
02/05/07			Total Dissolved Solid (TDS)	3190	500 mg/l	10
	2702010310	M-11				

SUMMARY OF POSITIVE DATA ONLY.



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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702010310	M-11				
02/07/07		Chromium, Total, ICAP	3.0		mg/l	0.020
02/01/07		Hexavalent chromium (Cr VI)	2.6		mg/l	0.10
02/05/07		Metals digestion performed.	Y		Yes/No	
02/02/07		PH (H3=past HT, not compliant)	8.0		Units	0.0010
02/02/07		Perchlorate	30600		ug/l	2000
02/05/07		Total Dissolved Solid (TDS)	3380	500	mg/l	10
	2702010311	M-31A				
02/07/07		Chromium, Total, ICAP	13		mg/l	0.050
02/05/07		Metals digestion performed.	Y		Yes/No	
02/02/07		PH (H3=past HT, not compliant)	7.7		Units	0.0010
02/02/07		Perchlorate	1490000		ug/l	200000
02/05/07		Total Dissolved Solid (TDS)	9710	500	mg/l	10
	2702010313	M-52				
02/07/07		Chromium, Total, ICAP	9.0		mg/l	0.050
02/05/07		Metals digestion performed.	Y		Yes/No	
02/02/07		PH (H3=past HT, not compliant)	7.8		Units	0.0010
02/02/07		Perchlorate	946000		ug/l	200000
02/05/07		Total Dissolved Solid (TDS)	8600	500	mg/l	10
	2702010314	M-50				
02/07/07		Chromium, Total, ICAP	32		mg/l	0.20
02/05/07		Metals digestion performed.	Y		Yes/No	
02/02/07		PH (H3=past HT, not compliant)	7.7		Units	0.0010
02/02/07		Perchlorate	801000		ug/l	200000

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702010314	M-50				
02/05/07	Total Dissolved Solid (TDS)		14000	500	mg/l	10
	2702010315	M-34				
02/07/07	Chromium, Total, ICAP		17		mg/l	0.10
02/05/07	Metals digestion performed.		Y		Yes/No	
02/02/07	PH (H3=past HT, not compliant)		7.6		Units	0.0010
02/02/07	Perchlorate		1860000		ug/l	200000
02/05/07	Total Dissolved Solid (TDS)		12000	500	mg/l	10
	2702010316	M-35				
02/07/07	Chromium, Total, ICAP		12		mg/l	0.050
02/05/07	Metals digestion performed.		Y		Yes/No	
02/02/07	PH (H3=past HT, not compliant)		7.7		Units	0.0010
02/02/07	Perchlorate		650000		ug/l	40000
02/05/07	Total Dissolved Solid (TDS)		9530	500	mg/l	10
	2702010317	M-19				
02/07/07	Chromium, Total, ICAP		0.29		mg/l	0.020
02/05/07	Metals digestion performed.		Y		Yes/No	
02/02/07	PH (H3=past HT, not compliant)		8.0		Units	0.0010
02/02/07	Perchlorate		1900		ug/l	200
02/05/07	Total Dissolved Solid (TDS)		3740	500	mg/l	10
	2702010318	M-39				
02/07/07	Chromium, Total, ICAP		4.5		mg/l	0.020
02/05/07	Metals digestion performed.		Y		Yes/No	

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702010318	M-39				
02/02/07	PH (H3=past HT, not compliant)		7.7		Units	0.0010
02/02/07	Perchlorate		390000		ug/l	40000
02/05/07	Total Dissolved Solid (TDS)		6730	500	mg/l	10
	2702010326	M-68				
02/07/07	Chromium, Total, ICAP		0.66		mg/l	0.020
02/05/07	Metals digestion performed.		Y		Yes/No	
02/02/07	PH (H3=past HT, not compliant)		7.7		Units	0.0010
02/02/07	Perchlorate		24600		ug/l	4000
02/05/07	Total Dissolved Solid (TDS)		5680	500	mg/l	10
	2702010328	M-61				
02/07/07	Chromium, Total, ICAP		1.0		mg/l	0.020
02/05/07	Metals digestion performed.		Y		Yes/No	
02/02/07	PH (H3=past HT, not compliant)		7.8		Units	0.0010
02/02/07	Perchlorate		60800		ug/l	20000
02/05/07	Total Dissolved Solid (TDS)		5410	500	mg/l	10
	2702010329	M-67				
02/07/07	Chromium, Total, ICAP		5.6		mg/l	0.020
02/05/07	Metals digestion performed.		Y		Yes/No	
02/05/07	PH (H3=past HT, not compliant)		7.7		Units	0.0010
02/02/07	Perchlorate		500000		ug/l	40000
02/05/07	Total Dissolved Solid (TDS)		7730	500	mg/l	10
	2702010330	I-K				

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Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702010330	I-K				
02/07/07		Chromium, Total, ICAP	1.0		mg/l	0.020
02/05/07		Metals digestion performed.	Y		Yes/No	
02/02/07		PH (H3=past HT, not compliant)	7.9		Units	0.0010
02/02/07		Perchlorate	54000		ug/l	4000
02/05/07		Total Dissolved Solid (TDS)	5600	500	mg/l	10
	2702010331	I-J				
02/07/07		Chromium, Total, ICAP	2.4		mg/l	0.020
02/05/07		Metals digestion performed.	Y		Yes/No	
02/02/07		PH (H3=past HT, not compliant)	7.8		Units	0.0010
02/02/07		Perchlorate	165000		ug/l	20000
02/05/07		Total Dissolved Solid (TDS)	5280	500	mg/l	10
	2702010332	I-Z				
02/07/07		Chromium, Total, ICAP	9.8		mg/l	0.020
02/05/07		Metals digestion performed.	Y		Yes/No	
02/02/07		PH (H3=past HT, not compliant)	7.8		Units	0.0010
02/03/07		Perchlorate	646000		ug/l	40000
02/05/07		Total Dissolved Solid (TDS)	6700	500	mg/l	10
	2702010333	I-I				
02/07/07		Chromium, Total, ICAP	22		mg/l	0.050
02/05/07		Metals digestion performed.	Y		Yes/No	
02/02/07		PH (H3=past HT, not compliant)	7.6		Units	0.0010
02/03/07		Perchlorate	947000		ug/l	200000
02/05/07		Total Dissolved Solid (TDS)	13000	500	mg/l	10

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Susan Crowley
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Samples Received
01-feb-2007 16:26:28

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2702010334	I-V				
	2702010334	I-V				
02/07/07		Chromium, Total, ICAP	22		mg/l	0.050
02/05/07		Metals digestion performed.	Y		Yes/No	
02/05/07		PH (H3=past HT, not compliant)	8.0		Units	0.0010
02/03/07		Perchlorate	1790000		ug/l	200000
02/05/07		Total Dissolved Solid (TDS)	15000	500	mg/l	10
	2702010337	EB-2				
02/05/07		Metals digestion performed.	Y		Yes/No	
02/02/07		PH (H3=past HT, not compliant)	6.5		Units	0.0010
02/03/07		Perchlorate	152		ug/l	4.0
02/05/07		Total Dissolved Solid (TDS)	10	500	mg/l	10
	2702010347	MD-1				
02/07/07		Chromium, Total, ICAP	0.57		mg/l	0.020
02/05/07		Metals digestion performed.	Y		Yes/No	
02/02/07		PH (H3=past HT, not compliant)	7.4		Units	0.0010
02/06/07		Perchlorate	21200		ug/l	2000
02/05/07		Total Dissolved Solid (TDS)	3300	500	mg/l	10

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#194964

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Henderson , NV 89009

Samples Received
02/01/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-97 (2702010301)		Sampled on 01/31/07 06:17						
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	77700	ug/l	4000	1000
	02/07/07 00:00	351858	(ML/EPA 6010B)	Chromium, Total, ICAP	0.066	mg/l	0.020	2
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351251	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
02/05/07	02/05/07 16:26	351766	(SM 2540C)	Total Dissolved Solid (TDS)	3660	mg/l	10	1
M-92 (2702010303)		Sampled on 01/31/07 05:56						
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	674	ug/l	40	10
	02/07/07 00:00	351858	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351091	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
02/05/07	02/05/07 16:26	351766	(SM 2540C)	Total Dissolved Solid (TDS)	1990	mg/l	10	1
M-93 (2702010304)		Sampled on 01/31/07 06:33						
	02/06/07 00:00	351841	(EPA 314)	Perchlorate	6780	ug/l	400	100
	02/07/07 00:00	351858	(ML/EPA 6010B)	Chromium, Total, ICAP	0.096	mg/l	0.020	2
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351091	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
02/05/07	02/05/07 16:26	351766	(SM 2540C)	Total Dissolved Solid (TDS)	2820	mg/l	10	1
M-10 (2702010307)		Sampled on 01/31/07 07:47						
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	32000	ug/l	2000	500
	02/07/07 00:00	351858	(ML/EPA 6010B)	Chromium, Total, ICAP	0.61	mg/l	0.020	2
	02/01/07 15:29	350909	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.010	2
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351252	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
02/05/07	02/05/07 16:26	351766	(SM 2540C)	Total Dissolved Solid (TDS)	3190	mg/l	10	1



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Tronox LLC - Henderson
 (continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-11 (2702010310)		Sampled on 01/31/07 08:45						
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	30600	ug/l	2000	500
	02/07/07 00:00	351858	(ML/EPA 6010B)	Chromium, Total, ICAP	3.0	mg/l	0.020	2
	02/01/07 15:16	350909	(ML/EPA 7196)	Hexavalent chromium (Cr VI)	2.6(H3)	mg/l	0.10	20
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351251	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	8.0	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	3380	mg/l	10	1
M-31A (2702010311)		Sampled on 01/31/07 09:12						
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	1490000	ug/l	200000	50000
	02/07/07 00:00	351858	(ML/EPA 6010B)	Chromium, Total, ICAP	13	mg/l	0.050	5
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351252	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	9710	mg/l	10	1
M-52 (2702010313)		Sampled on 01/31/07 09:29						
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	946000	ug/l	200000	50000
	02/07/07 00:00	351858	(ML/EPA 6010B)	Chromium, Total, ICAP	9.0	mg/l	0.050	5
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351091	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	8600	mg/l	10	1
M-50 (2702010314)		Sampled on 01/31/07 09:47						
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	801000	ug/l	200000	50000
	02/07/07 00:00	351858	(ML/EPA 6010B)	Chromium, Total, ICAP	32	mg/l	0.20	20
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351251	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	14000	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-34 (2702010315) Sampled on 01/31/07 10:00								
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	1860000	ug/l	200000	50000
	02/07/07 00:00	351858	(ML/EPA 6010B)	Chromium, Total, ICAP	17	mg/l	0.10	10
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351251	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	12000	mg/l	10	1
M-35 (2702010316) Sampled on 01/31/07 10:10								
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	650000	ug/l	40000	10000
	02/07/07 00:00	351859	(ML/EPA 6010B)	Chromium, Total, ICAP	12	mg/l	0.050	5
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351251	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	9530	mg/l	10	1
M-19 (2702010317) Sampled on 01/31/07 10:24								
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	1900	ug/l	200	50
	02/07/07 00:00	351859	(ML/EPA 6010B)	Chromium, Total, ICAP	0.29	mg/l	0.020	2
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351251	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	8.0	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	3740	mg/l	10	1
M-39 (2702010318) Sampled on 01/31/07 10:41								
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	390000	ug/l	40000	10000
	02/07/07 00:00	351859	(ML/EPA 6010B)	Chromium, Total, ICAP	4.5	mg/l	0.020	2
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351091	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	6730	mg/l	10	1
M-68 (2702010326) Sampled on 01/31/07 10:57								
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	24600	ug/l	4000	1000
	02/07/07 00:00	351859	(ML/EPA 6010B)	Chromium, Total, ICAP	0.66	mg/l	0.020	2
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351091	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	5680	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
M-61 (2702010328)		Sampled on 01/31/07 11:12						
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	60800	ug/l	20000	5000
	02/07/07 00:00	351859	(ML/EPA 6010B)	Chromium, Total, ICAP	1.0	mg/l	0.020	2
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351091	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	5410	mg/l	10	1
M-67 (2702010329)		Sampled on 01/31/07 11:40						
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	500000	ug/l	40000	10000
	02/07/07 00:00	351859	(ML/EPA 6010B)	Chromium, Total, ICAP	5.6	mg/l	0.020	2
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/05/07 00:00	351407	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.7	Units	0.0010	1
02/05/07	02/05/07 17:40	351774	(SM 2540C)	Total Dissolved Solid (TDS)	7730	mg/l	10	1
I-K (2702010330)		Sampled on 01/31/07 11:06						
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	54000	ug/l	4000	1000
	02/07/07 00:00	351859	(ML/EPA 6010B)	Chromium, Total, ICAP	1.0	mg/l	0.020	2
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351251	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.9	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	5600	mg/l	10	1
I-J (2702010331)		Sampled on 01/31/07 11:16						
	02/02/07 00:01	351198	(EPA 314)	Perchlorate	165000	ug/l	20000	5000
	02/07/07 00:00	351859	(ML/EPA 6010B)	Chromium, Total, ICAP	2.4	mg/l	0.020	2
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351251	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	5280	mg/l	10	1
I-Z (2702010332)		Sampled on 01/31/07 11:25						
	02/03/07 00:00	351227	(EPA 314)	Perchlorate	646000	ug/l	40000	10000
	02/07/07 00:00	351859	(ML/EPA 6010B)	Chromium, Total, ICAP	9.8	mg/l	0.020	2
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351251	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.8	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	6700	mg/l	10	1



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Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
I-I (2702010333)		Sampled on 01/31/07 11:37						
	02/03/07 00:00	351227	(EPA 314)	Perchlorate	947000	ug/l	200000	50000
	02/07/07 00:00	351859	(ML/EPA 6010B)	Chromium, Total, ICAP	22	mg/l	0.050	5
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351252	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.6	Units	0.0010	1
02/05/07	02/05/07 17:03	351771	(SM 2540C)	Total Dissolved Solid (TDS)	13000	mg/l	10	1
I-V (2702010334)		Sampled on 01/31/07 11:52						
	02/03/07 00:00	351227	(EPA 314)	Perchlorate	1790000	ug/l	200000	50000
	02/07/07 00:00	351859	(ML/EPA 6010B)	Chromium, Total, ICAP	22	mg/l	0.050	5
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/05/07 00:00	351407	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	8.0	Units	0.0010	1
02/05/07	02/05/07 17:40	351774	(SM 2540C)	Total Dissolved Solid (TDS)	15000	mg/l	10	1
EB-2 (2702010337)		Sampled on 01/31/07 10:45						
	02/03/07 00:00	351227	(EPA 314)	Perchlorate	152	ug/l	4.0	2
	02/07/07 00:00	351859	(ML/EPA 6010B)	Chromium, Total, ICAP	ND	mg/l	0.020	2
	02/01/07 15:15	350909	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.0050	1
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351251	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	6.5	Units	0.0010	1
02/05/07	02/05/07 17:03	352053	(SM 2540C)	Total Dissolved Solid (TDS)	10	mg/l	10	1
MD-1 (2702010347)		Sampled on 01/31/07 00:00						
	02/06/07 00:00	351841	(EPA 314)	Perchlorate	21200	ug/l	2000	500
	02/07/07 00:00	351859	(ML/EPA 6010B)	Chromium, Total, ICAP	0.57	mg/l	0.020	2
	02/01/07 15:32	350909	(ML/EPS 7196)	Hexavalent chromium (Cr VI)	ND(H3)	mg/l	0.010	2
	02/05/07 10:23		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	02/02/07 00:00	351091	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	7.4	Units	0.0010	1
02/05/07	02/05/07 16:26	351766	(SM 2540C)	Total Dissolved Solid (TDS)	3300	mg/l	10	1



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QC Ref #350909 - Hexavalent chromium (Cr VI) Analysis Date: 02/01/2007

2702010307	M-10	Analyzed by: wbh
2702010310	M-11	Analyzed by: wbh
2702010337	EB-2	Analyzed by: wbh
2702010347	MD-1	Analyzed by: wbh

QC Ref #351091 - PH (H3=past HT, not compliant) Analysis Date: 02/02/2007

2702010303	M-92	Analyzed by: jxl
2702010304	M-93	Analyzed by: jxl
2702010313	M-52	Analyzed by: jxl
2702010318	M-39	Analyzed by: jxl
2702010326	M-68	Analyzed by: jxl
2702010328	M-61	Analyzed by: jxl
2702010347	MD-1	Analyzed by: jxl

QC Ref #351198 - Perchlorate

Analysis Date: 02/02/2007

2702010301	M-97	Analyzed by: raja
2702010303	M-92	Analyzed by: raja
2702010307	M-10	Analyzed by: raja
2702010310	M-11	Analyzed by: raja
2702010311	M-31A	Analyzed by: raja
2702010313	M-52	Analyzed by: raja
2702010314	M-50	Analyzed by: raja
2702010315	M-34	Analyzed by: raja
2702010316	M-35	Analyzed by: raja
2702010317	M-19	Analyzed by: raja
2702010318	M-39	Analyzed by: raja
2702010326	M-68	Analyzed by: raja
2702010328	M-61	Analyzed by: raja
2702010329	M-67	Analyzed by: raja
2702010330	I-K	Analyzed by: raja
2702010331	I-J	Analyzed by: raja

QC Ref #351227 - Perchlorate

Analysis Date: 02/03/2007

2702010332	I-Z	Analyzed by: raja
2702010333	I-I	Analyzed by: raja
2702010334	I-V	Analyzed by: raja
2702010337	EB-2	Analyzed by: raja



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Tronox LLC - Henderson
(continued)

QC Ref #351251 - PH (H3=past HT, not compliant) Analysis Date: 02/02/2007

2702010301	M-97	Analyzed by: jxl
2702010310	M-11	Analyzed by: jxl
2702010314	M-50	Analyzed by: jxl
2702010315	M-34	Analyzed by: jxl
2702010316	M-35	Analyzed by: jxl
2702010317	M-19	Analyzed by: jxl
2702010330	I-K	Analyzed by: jxl
2702010331	I-J	Analyzed by: jxl
2702010332	I-Z	Analyzed by: jxl
2702010337	EB-2	Analyzed by: jxl

QC Ref #351252 - PH (H3=past HT, not compliant) Analysis Date: 02/02/2007

2702010307	M-10	Analyzed by: jxl
2702010311	M-31A	Analyzed by: jxl
2702010333	I-I	Analyzed by: jxl

QC Ref #351407 - PH (H3=past HT, not compliant) Analysis Date: 02/05/2007

2702010329	M-67	Analyzed by: jxl
2702010334	I-V	Analyzed by: jxl

QC Ref #351766 - Total Dissolved Solid (TDS) Analysis Date: 02/05/2007

2702010301	M-97	Analyzed by: anh
2702010303	M-92	Analyzed by: anh
2702010304	M-93	Analyzed by: anh
2702010307	M-10	Analyzed by: anh
2702010347	MD-1	Analyzed by: anh

QC Ref #351771 - Total Dissolved Solid (TDS) Analysis Date: 02/05/2007

2702010310	M-11	Analyzed by: anh
2702010311	M-31A	Analyzed by: anh
2702010313	M-52	Analyzed by: anh
2702010314	M-50	Analyzed by: anh



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2702010315	M-34	Analyzed by: anh
2702010316	M-35	Analyzed by: anh
2702010317	M-19	Analyzed by: anh
2702010318	M-39	Analyzed by: anh
2702010326	M-68	Analyzed by: anh
2702010328	M-61	Analyzed by: anh
2702010330	I-K	Analyzed by: anh
2702010331	I-J	Analyzed by: anh
2702010332	I-Z	Analyzed by: anh
2702010333	I-I	Analyzed by: anh

QC Ref #351774 - Total Dissolved Solid (TDS) Analysis Date: 02/05/2007

2702010329	M-67	Analyzed by: anh
2702010334	I-V	Analyzed by: anh

QC Ref #351841 - Perchlorate Analysis Date: 02/06/2007

2702010304	M-93	Analyzed by: raja
2702010347	MD-1	Analyzed by: raja

QC Ref #351858 - Chromium, Total, ICAP Analysis Date: 02/07/2007

2702010301	M-97	Analyzed by: wbh
2702010303	M-92	Analyzed by: wbh
2702010304	M-93	Analyzed by: wbh
2702010307	M-10	Analyzed by: wbh
2702010310	M-11	Analyzed by: wbh
2702010311	M-31A	Analyzed by: wbh
2702010313	M-52	Analyzed by: wbh
2702010314	M-50	Analyzed by: wbh
2702010315	M-34	Analyzed by: wbh

QC Ref #351859 - Chromium, Total, ICAP Analysis Date: 02/07/2007

2702010316	M-35	Analyzed by: wbh
2702010317	M-19	Analyzed by: wbh
2702010318	M-39	Analyzed by: wbh
2702010326	M-68	Analyzed by: wbh
2702010328	M-61	Analyzed by: wbh



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Tronox LLC - Henderson
(continued)

2702010329	M-67	Analyzed by: wbh
2702010330	I-K	Analyzed by: wbh
2702010331	I-J	Analyzed by: wbh
2702010332	I-Z	Analyzed by: wbh
2702010333	I-I	Analyzed by: wbh
2702010334	I-V	Analyzed by: wbh
2702010337	EB-2	Analyzed by: wbh
2702010347	MD-1	Analyzed by: wbh

QC Ref #352053 - Total Dissolved Solid (TDS) Analysis Date: 02/05/2007

2702010337	EB-2	Analyzed by: anh
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QC Ref #350909 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	02010307	MGL		(0-0)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.050	MGL	100.0	(85-115)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.045	MGL	90.0	(85-115)	
MBLK	Hexavalent chromium (Cr VI)	ND	<0.0050	MGL			
MRL_CHK	Hexavalent chromium (Cr VI)	0.005	0.005	MGL	100.0	(50-150)	
MS	Hexavalent chromium (Cr VI)	0.10	0.098	MGL	98.0	(70-130)	
MSD	Hexavalent chromium (Cr VI)	0.10	0.098	MGL	98.0	(70-130)	

QC Ref #351091 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	6.74	6.76	UNIT		(0-20)	0.3

QC Ref #351198 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	02010134	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.5	UGL	98.0	(85-115)	
LCS2	Perchlorate	25.0	24.7	UGL	98.8	(85-115)	
LCS3	Perchlorate	4	4.17	UGL	104.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.2	UGL	88.8	(70-130)	
MSD	Perchlorate	25.0	23.8	UGL	95.2	(70-130)	
RPD_LCS	Perchlorate	98.000	98.800	UGL	0.8	(0-20)	
RPD_MS	Perchlorate	88.800	95.200	UGL	7.0	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.



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Tronox LLC - Henderson
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QC Ref #351227 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	02010389	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.0	UGL	96.0	(85-115)	
LCS2	Perchlorate	25.0	25.3	UGL	101.2	(85-115)	
LCS3	Perchlorate	4	3.69	UGL	92.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.4	UGL	101.6	(70-130)	
MSD	Perchlorate	25.0	23.9	UGL	95.6	(70-130)	
RPD_LCS	Perchlorate	96.000	101.200	UGL	5.3	(0-20)	
RPD_MS	Perchlorate	101.600	95.600	UGL	6.1	(0-20)	

QC Ref #351251 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	8.66	8.69	UNIT		(0-20)	0.3

QC Ref #351252 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	7.95	7.98	UNIT		(0-20)	0.4

QC Ref #351407 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	8.33	8.33	UNIT		(0-20)	0.0

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QC Ref #351766 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	lab # 27	02010037	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	172	184	MGL		(0-10)	6.7
LCS1	Total Dissolved Solid (TDS)	175	158	MGL	90.3	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	688	MGL	98.3	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	90.286	98.286	MGL	8.5	(0-20)	

QC Ref #351771 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	02010310	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	3380	3360	MGL		(0-10)	0.6
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	684	MGL	97.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	97.714	MGL	3.0	(0-20)	

QC Ref #351774 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	02010413	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	2226	2212	MGL		(0-10)	0.6
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	684	MGL	97.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	9	MGL	90.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	97.714	MGL	3.0	(0-20)	

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QC Ref #351841 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	02010304	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.2	UGL	96.8	(85-115)	
LCS2	Perchlorate	25.0	24.1	UGL	96.4	(85-115)	
LCS3	Perchlorate	4	3.13	UGL	78.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.5	UGL	98.0	(70-130)	
MSD	Perchlorate	25.0	23.3	UGL	93.2	(70-130)	
RPD_LCS	Perchlorate	96.800	96.400	UGL	0.4	(0-20)	
RPD_MS	Perchlorate	98.000	93.200	UGL	5.0	(0-20)	

QC Ref #351858 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	01310057	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.931	MGL	93.1	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.955	MGL	95.5	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0100	MGL	100.0	(50-150)	
MS	Chromium, Total, ICAP	1.00	0.954	MGL	95.4	(70-130)	
MSD	Chromium, Total, ICAP	1.00	0.966	MGL	96.6	(70-130)	

QC Ref #351859 Chromium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	02010331	MGL		(0-0)	
LCS1	Chromium, Total, ICAP	1.00	0.930	MGL	93.0	(85-115)	
LCS2	Chromium, Total, ICAP	1.00	0.960	MGL	96.0	(85-115)	
MBLK	Chromium, Total, ICAP	ND	<0.010	MGL			
MRL_CHK	Chromium, Total, ICAP	0.010	0.0100	MGL	100.0	(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.



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Tronox LLC - Henderson
(continued)

MS	Chromium, Total, ICAP	1.00	0.954	MGL	95.4	(70-130)
MSD	Chromium, Total, ICAP	1.00	0.883	MGL	88.3	(70-130)

QC Ref #352053 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	02010310	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	3380	3356	MGL		(0-10)	0.7
LCS1	Total Dissolved Solid (TDS)	175	166	MGL	94.9	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	684	MGL	97.7	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	8	MGL	80.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	94.857	97.714	MGL	3.0	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
are advisory only, unless otherwise specified in the method.