



MWH Laboratories

A Division of MWH Americas, Inc.

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

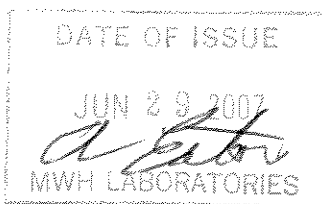
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 207227
Project: CL04
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 30 page[s].



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 Kerr McGee Chemical Company - Henderson Standing

Andrew Eaton Your MWL Project Manager

(926) 568-6425 Direct Phone/Voice Mail

SO# 36098 12996

RS

Sampler: Please Return this Paper with your samples

0

Created by

Order Date

05/09/07

Date Samples to Arrive at MWL

by Client

Date Samples to Arrive at MWL

SHIP LOCATION

Ship Sample Kits to

Kerr McGee
8000 West Lake Mead Drive
Henderson, NV 89015

Send Report to

Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

Billing Address

Kerr McGee Henderson Plant
P.O. Box 55
Henderson, NV 89009

Client Code KERRMCGEE-MP

Project Code CLO4

PO# / Job#

Blanket PO

M Monthly

Week 1

Period

ATTN: Susan Crowley ATTN: Susan Crowley

PHONE: 702-651-2234 PHONE: 702-651-2234

FAX: 702-651-2310

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

Quote#

UN#

of Samples Tests

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
1	@VOAPP	3 40ml amber glass vials+ 4 drops HCL(36%)	UN 1789	Monthly standing order - sampleID= Stabilized Water
1	CLO4	1 125ml poly /no preservative		
1	WCN	1 125ml poly +1 ml NaOH (25%)	UN 1824	Login use profile - #KERRMO (profile consists of: voapp, pb-ms, mg, mn-ms, clo4, ni-ms,ph, k, se-ms, wcn, ag-ms, na, so4, tl-ms alk tds, zn al-ms, sb-ms, ba-ms, be-ms B, cd-ms, ca, cl, cr-ms cu-ms, f, fe
1	GEN MIN, METALS, B	4: 2 500ml poly +1 125ml poly no pres& 1 250ml acid rinsed+1ml HNO3	UN 2031	Please sample the second FULL week of Each month (e.g. wk of 5/12) except in January 2003 (wk of 1/20)

ActiveCode

Status

Date Shipped

Carrier

Qty of Coolers

Tracking Number

Prepared By

SCANNED

THIS MEMORANDUM is an acknowledgement that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPER'S NUMBER: 142638

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

From: TRONOX LLC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said Carrier (the word Carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another Carrier on the route to said destination. It is mutually agreed, as to each Carrier of all or any said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Bill of Lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the Shipper and accepted for himself and his assigns.

CARRIER Federal Express		Date 06/11/07	FROM NO. STATION: STATE Henderson, NV 89015
MWH LABORATORIES 750 Royal Oaks Avenue, Suite #100 Monrovia, CA 91016-3629 Phone: 626-568-6400		Authorization S. CROWLEY	
FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect		FULL NAME OF SHIPPER TRONOX LLC	
N/AR		CUSTOMER PO OR REQ'N NO.	CODE NO. WCN IS 1321.10400 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 Henderson, NV			
LINE NO.	DESCRIPTION AND CLASSIFICATION	STOCK NO.	TOTAL QUANTITY
	Ice Chest with water samples Stabilized Water. Not Regulated		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. TRONOX 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 SHIPMENTS			
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
		0	
1	TOTAL GROSS WEIGHT 19	TOTAL TARE WEIGHT 0	19
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.			
TRONOX LLC Shipper permanent post office address of shipper, PO Box 268859 Oklahoma City, OK 73126-8859	PER Judi Durkin	AGENT	PER

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



CLS8220672123

Ship Date: 11JUN07
Act/Wgt: 19 LB
System#: 2274147/NET7011
Account#: S *****

Delivery Address Bar Code

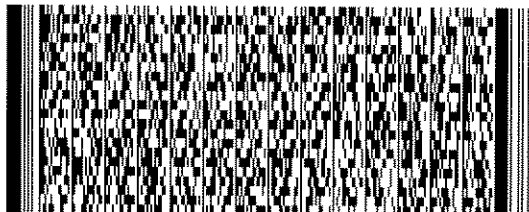


Ref # MSO #142638 - 19.0 lbs.
Invoice #
PO #
Dept #

SHIP TO: (626)568-6400 BILL SENDER

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

MONROVIA, CA 910163629



PRIORITY OVERNIGHT

TUE

TRK# 7913 1935 3322

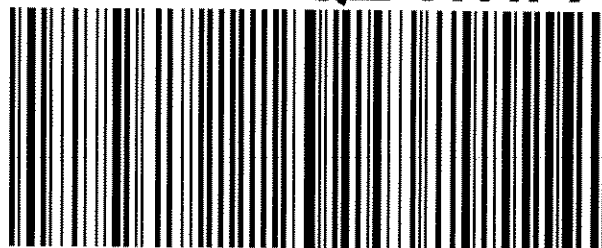
FORM 0201

Deliver By:
12JUN07

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.

MWH Laboratories
 750 Royal Oaks Drive, Monrovia, CA 91016
 PHONE: 626-386-1100/FAX: 626-386-1101

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Tronox LLC - Henderson
 PO Box 55
 Henderson, NV 89009
 Attn: Susan Crowley
 Phone: 702-651-2234

Customer Code: KERRMCGEE-MP
 PO#: Susan Crowley PO
 Group#: 207227
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **06/12/07**. 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
2706120329	STABILIZED WATER		Water	11-jun-2007 10:00:00
		@VOAPP AG-MS AL-MS ALK ANION1 AS-MS		
		B BA-MS BALANCE BE-MS CA CATION1		
		CD-MS CL CLO4 CO3 CR-MS CU-MS		
		EC F FE HCO3 HG K		
		MG MN-MS NA NI-MS NO3 OH		
		PB-MS PH SB-MS SE-MS SO4 TDS		
		TL-MS WCN ZN		

Test Acronym Description

Test Acronym	Description
@VOAPP	Volatile Organics HSL
AG-MS	Silver, Total, ICAP/MS
AL-MS	Aluminum, Total, ICAP/MS
ALK	Alkalinity in CaCO3 units
ANION1	Anion Sum - Calculated
AS-MS	Arsenic, Total, ICAP/MS
B	Boron, Total, ICAP
BA-MS	Barium, Total, ICAP/MS
BALANCE	Ionic Balance - Calculated
BE-MS	Beryllium, Total, ICAP/MS
CA	Calcium, Total, ICAP
CATION1	Cation Sum - Calculated
CD-MS	Cadmium, Total, ICAP/MS
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-MS	Chromium, Total, ICAP/MS
CU-MS	Copper, Total, ICAP/MS
EC	Specific Conductance
F	Fluoride
FE	Iron, Total, ICAP

Tronox LLC - Henderson
PO Box 55
Henderson, NV 89009
Attn: Susan Crowley
Phone: 702-651-2234

Customer Code: KERRMCGEE-MP
PO#: Susan Crowley PO
Group#: 207227
Project#: CLO4
Proj Mgr: Andrew Eaton
Phone: (626) 386-1125

Test Acronym Description

Test Acronym	Description
HCO3	Bicarb. Alkalinity as HCO3, calc
HG	Mercury
K	Potassium, Total, ICAP
MG	Magnesium, Total, ICAP
MN-MS	Manganese, Total, ICAP/MS
NA	Sodium, Total, ICAP
NI-MS	Nickel, Total, ICAP/MS
NO3	Nitrate as Nitrogen by IC
OH	Hydroxide as OH, Calculated
PB-MS	Lead, Total, ICAP/MS
PH	PH (H3=past HT, not compliant)
SB-MS	Antimony, Total, ICAP/MS
SE-MS	Selenium, Total, ICAP/MS
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)
TL-MS	Thallium, Total, ICAP/MS
WCN	Weak Acid Dissociable Cyanide
ZN	Zinc, Total, ICAP



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Report
Comments
#207227

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#: 2706120329)

Test: Carbon disulfide (ML/EPA 624)

L4- The associated blank spike recovery was below method acceptance limits.

Test: o-Xylene (ML/EPA 624)

L3- The associated blank spike recovery was above method acceptance limits.



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Laboratory
 Hits Report
 #207227

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

Samples Received
 12-jun-2007 15:01:20

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2706120329	STABILIZED WATER				
06/18/07		Chloroform (Trichloromethane)	1.4		ug/l	0.5
06/18/07		Dibromochloromethane	1.2		ug/l	0.5
06/18/07		Dichlorobromomethane	1.4		ug/l	0.5
06/15/07		Alkalinity in CaCO3 units	137		mg/l	2.0
06/21/07		Anion Sum - Calculated	11		meq/l	0.0050
06/12/07		Arsenic, Total, ICAP/MS	2.5	10	ug/l	1.0
06/12/07		Barium, Total, ICAP/MS	160	2000	ug/l	2.0
06/21/07		Bicarb.Alkalinity as HCO3,calc	170		mg/l	2.0
06/13/07		Boron, Total, ICAP	0.16		mg/l	0.050
06/13/07		Calcium, Total, ICAP	84		mg/l	1.0
06/14/07		Cation Sum - Calculated	11		meq/l	0.0010
06/12/07		Chloride	95	250	mg/l	5.0
06/12/07		Chromium, Total, ICAP/MS	1.0	100	ug/l	1.0
06/13/07		Fluoride	0.32	4	mg/l	0.050
06/13/07		Iron, Total, ICAP	0.028	0.3	mg/l	0.020
06/13/07		Magnesium, Total, ICAP	31		mg/l	0.10
06/13/07		PH (H3=past HT, not compliant)	7.8	6.5-8.5	Units	0.010
06/14/07		Perchlorate	6.2		ug/l	4.0
06/13/07		Potassium, Total, ICAP	5.6		mg/l	1.0
06/13/07		Sodium, Total, ICAP	100		mg/l	1.0
06/13/07		Specific Conductance	1060		umho/cm	2.0
06/12/07		Sulfate	270	250	mg/l	2.5
06/13/07		Total Dissolved Solid (TDS)	710	500	mg/l	10

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Data Report
 #207227

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

Samples Received
 06/12/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
STABILIZED WATER (2706120329)				Sampled on 06/11/07 10:00				
06/12/07	20:28	371678	(ML/EPA 200.8)	Silver, Total, ICAP/MS	ND	ug/l	0.50	1
06/12/07	20:28	371683	(ML/EPA 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	20	1
06/15/07	11:57	372311	(SM2320B/ 310.1)	Alkalinity in CaCO3 units	137	mg/l	2.0	1
06/21/07	14:58	373035	(ML/SM1030E)	Anion Sum - Calculated	11	meq/l	0.0050	5
06/12/07	20:28	371671	(ML/EPA 200.8)	Arsenic, Total, ICAP/MS	2.5	ug/l	1.0	1
06/13/07	14:23	371888	(ML/EPA 200.7)	Boron, Total, ICAP	0.16	mg/l	0.050	1
06/12/07	20:28	371685	(ML/EPA 200.8)	Barium, Total, ICAP/MS	160	ug/l	2.0	1
06/12/07	20:28	371661	(ML/EPA 200.8)	Beryllium, Total, ICAP/MS	ND	ug/l	1.0	1
06/13/07	14:23	371891	(ML/EPA 200.7)	Calcium, Total, ICAP	84	mg/l	1.0	1
06/14/07	11:09	371921	(ML/SM1030E)	Cation Sum - Calculated	11	meq/l	0.0010	1
06/12/07	20:28	371680	(ML/EPA 200.8)	Cadmium, Total, ICAP/MS	ND	ug/l	0.50	1
06/12/07	14:59	371779	(ML/EPA 300.0)	Chloride	95	mg/l	5.0	5
06/14/07	00:13	371946	(EPA 314)	Perchlorate	6.2	ug/l	4.0	1
06/21/07	14:58	373035	(SM2330B)	Carbonate as CO3, Calculated	ND	mg/l	2.0	1
06/12/07	20:28	371696	(ML/EPA 200.8)	Chromium, Total, ICAP/MS	1.0	ug/l	1.0	1
06/12/07	20:28	371667	(ML/EPA 200.8)	Copper, Total, ICAP/MS	ND	ug/l	2.0	1
06/13/07	18:05	371897	(SM2510B)	Specific Conductance	1060	umho/cm	2.0	1
06/13/07	00:00	371778	(SM 4500F-C)	Fluoride	0.32	mg/l	0.050	1
06/13/07	14:23	371876	(ML/EPA 200.7)	Iron, Total, ICAP	0.028	mg/l	0.020	1
06/21/07	14:58	373035	(SM2330B)	Bicarb.Alkalinity as HCO3,calc	170	mg/l	2.0	1
06/13/07	21:24	371918	(ML/EPA 245.1)	Mercury	ND	ug/l	0.20	1
06/13/07	14:23	371879	(ML/EPA 200.7)	Potassium, Total, ICAP	5.6	mg/l	1.0	1
06/13/07	14:23	371882	(ML/EPA 200.7)	Magnesium, Total, ICAP	31	mg/l	0.10	1
06/12/07	20:28	371698	(ML/EPA 200.8)	Manganese, Total, ICAP/MS	ND	ug/l	2.0	1
06/13/07	14:23	371886	(ML/EPA 200.7)	Sodium, Total, ICAP	100	mg/l	1.0	1
06/12/07	20:28	371665	(ML/EPA 200.8)	Nickel, Total, ICAP/MS	ND	ug/l	5.0	1
06/12/07	14:59	371784	(ML/EPA 300.0)	Nitrate as Nitrogen by IC	ND	mg/l	0.50	5
06/18/07	16:55	372401	(SM2330B)	Hydroxide as OH, Calculated	ND	mg/l	2.0	1
06/12/07	20:28	371689	(ML/EPA 200.8)	Lead, Total, ICAP/MS	ND	ug/l	0.50	1
06/13/07	00:00	371924	(SM4500-HB)	PH (H3-past HT, not compliant)	7.8	Units	0.010	1
06/12/07	20:28	371682	(ML/EPA 200.8)	Antimony, Total, ICAP/MS	ND	ug/l	1.0	1
06/12/07	20:28	371674	(ML/EPA 200.8)	Selenium, Total, ICAP/MS	ND	ug/l	5.0	1



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Laboratory
Data Report
#207227

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
	06/12/07 14:59	371786	(ML/EPA 300.0)	Sulfate	270	mg/l	2.5	5
06/13/07	06/13/07 14:30	372216	(E160.1/SM2540C)	Total Dissolved Solid (TDS)	710	mg/l	10	1
	06/12/07 20:28	371687	(ML/EPA 200.8)	Thallium, Total, ICAP/MS	ND	ug/l	1.0	1
06/14/07	06/18/07 00:00	372452	(SM4500CN-I)	Weak Acid Dissociable Cyanide	ND	mg/l	0.0050	1
	06/13/07 14:23	371900	(EPA/ML 200.7)	Zinc, Total, ICAP	ND	mg/l	0.020	1

Volatile Organics HSL

	06/18/07 18:01	372566	(ML 624)	1,1,2-Trichloroethane (1,1,2-T	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	1,1-Dichloroethylene (1,1DCE)	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	1,1-Dichloroethane	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	1,2-Dichloroethane	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	1,2-Dichloropropane	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	2-Butanone (MEK)	ND	ug/l	10	1
	06/18/07 18:01	372566	(ML 624)	2-Hexanone	ND	ug/l	10	1
	06/18/07 18:01	372566	(ML 624)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	10	1
	06/18/07 18:01	372566	(ML 624)	Acetone	ND	ug/l	10	1
	06/18/07 18:01	372566	(ML 624)	Acrolein (Screen)	ND	ug/l	50	1
	06/18/07 18:01	372566	(ML 624)	Acrylonitrile (Screen)	ND	ug/l	50	1
	06/18/07 18:01	372566	(ML 624)	Benzene	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	cis-1,2-Dichloroethene	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	Chlorobenzene	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	cis-1,3-Dichloropropene	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	Bromoform	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	Chloroform (Trichloromethane)	1.4	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	Chloroethane	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	Carbon disulfide	ND (L4)	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	Carbon Tetrachloride	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	Dibromochloromethane	1.2	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	Dichlorobromomethane	1.4	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	Ethyl benzene	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	Dichlorodifluoromethane	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	Methyl Bromide	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624)	Methyl Chloride	ND	ug/l	0.5	1

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
	06/18/07 18:01	372566	(ML 624	) Methylene Chloride	ND	ug/l	3.0	1
	06/18/07 18:01	372566	(ML 624	) m,p-Xylenes	ND	ug/l	1.0	1
	06/18/07 18:01	372566	(ML 624	) o-Xylene	ND(L3)	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624	) Tetrachloroethylene (PCE)	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624	) Styrene	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624	) trans-1,2-Dichloroethene	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624	) 1,1,1-Trichloroethane	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624	) Trichloroethylene (TCE)	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624	) Trichlorofluoromethane	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624	) trans-1,3-Dichloropropene	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624	) Tetrahydrofuran	ND	ug/l	10	1
	06/18/07 18:01	372566	(ML 624	) Toluene	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624	) Vinyl Chloride (VC)	ND	ug/l	0.5	1
	06/18/07 18:01	372566	(ML 624	) Vinyl Acetate	ND	ug/l	10	1
			(ML 624) 4-Bromofluorobenzene(86-115)	102	% Rec		
			(ML 624) 1,2-Dichloroethane-d4(80-120)	103	% Rec		
			(ML 624) Toluene-d8(88-110)	99	% Rec		



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Laboratory
QC Summary
#207227

Tronox LLC - Henderson

QC Ref #371661	- Beryllium, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371665	- Nickel, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371667	- Copper, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371671	- Arsenic, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371674	- Selenium, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371678	- Silver, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371680	- Cadmium, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371682	- Antimony, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn



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QC Summary
#207227

Tronox LLC - Henderson
(continued)

QC Ref #371683	- Aluminum, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371685	- Barium, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371687	- Thallium, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371689	- Lead, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371696	- Chromium, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371698	- Manganese, Total, ICAP/MS	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371778	- Fluoride	Analysis Date: 06/13/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371779	- Chloride	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: jkz



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QC Summary
#207227

Tronox LLC - Henderson
(continued)

QC Ref #371784	- Nitrate as Nitrogen by IC	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: jkz
QC Ref #371786	- Sulfate	Analysis Date: 06/12/2007
2706120329	STABILIZED WATER	Analyzed by: jkz
QC Ref #371876	- Iron, Total, ICAP	Analysis Date: 06/13/2007
2706120329	STABILIZED WATER	Analyzed by: wbh
QC Ref #371879	- Potassium, Total, ICAP	Analysis Date: 06/13/2007
2706120329	STABILIZED WATER	Analyzed by: wbh
QC Ref #371882	- Magnesium, Total, ICAP	Analysis Date: 06/13/2007
2706120329	STABILIZED WATER	Analyzed by: wbh
QC Ref #371886	- Sodium, Total, ICAP	Analysis Date: 06/13/2007
2706120329	STABILIZED WATER	Analyzed by: wbh
QC Ref #371888	- Boron, Total, ICAP	Analysis Date: 06/13/2007
2706120329	STABILIZED WATER	Analyzed by: wbh
QC Ref #371891	- Calcium, Total, ICAP	Analysis Date: 06/13/2007
2706120329	STABILIZED WATER	Analyzed by: wbh



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QC Summary
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Tronox LLC - Henderson
(continued)

QC Ref #371897	- Specific Conductance	Analysis Date: 06/13/2007
2706120329	STABILIZED WATER	Analyzed by: sar
QC Ref #371900	- Zinc, Total, ICAP	Analysis Date: 06/13/2007
2706120329	STABILIZED WATER	Analyzed by: wbh
QC Ref #371918	- Mercury	Analysis Date: 06/13/2007
2706120329	STABILIZED WATER	Analyzed by: dyh
QC Ref #371921	- Cation Sum - Calculated	Analysis Date: 06/14/2007
2706120329	STABILIZED WATER	Analyzed by: dwr
QC Ref #371924	- PH (H3=past HT, not compliant)	Analysis Date: 06/13/2007
2706120329	STABILIZED WATER	Analyzed by: dtn
QC Ref #371946	- Perchlorate	Analysis Date: 06/14/2007
2706120329	STABILIZED WATER	Analyzed by: raja
QC Ref #372216	- Total Dissolved Solid (TDS)	Analysis Date: 06/13/2007
2706120329	STABILIZED WATER	Analyzed by: yvette
QC Ref #372311	- Alkalinity in CaCO3 units	Analysis Date: 06/15/2007
2706120329	STABILIZED WATER	Analyzed by: axa



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Laboratory
QC Summary
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Tronox LLC - Henderson
(continued)

QC Ref #372401	- Hydroxide as OH, Calculated	Analysis Date: 06/18/2007
2706120329	STABILIZED WATER	Analyzed by: dwr
QC Ref #372452	- Weak Acid Dissociable Cyanide	Analysis Date: 06/18/2007
2706120329	STABILIZED WATER	Analyzed by: lupe
QC Ref #372566	- Volatile Organics HSL	Analysis Date: 06/18/2007
2706120329	STABILIZED WATER	Analyzed by: kcp
QC Ref #373035	- Anion Sum - Calculated	Analysis Date: 06/21/2007
2706120329	STABILIZED WATER	Analyzed by: dwr
2706120329	STABILIZED WATER	Analyzed by: dwr
2706120329	STABILIZED WATER	Analyzed by: dwr
2706120329	STABILIZED WATER	Analyzed by: dwr



Tronox LLC - Henderson

QC Ref #371661 Beryllium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Beryllium, Total, ICAP/MS	5.00	5.22	UGL	104.4	(85-115)	
LCS2	Beryllium, Total, ICAP/MS	5.00	5.21	UGL	104.2	(85-115)	
MBLK	Beryllium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Beryllium, Total, ICAP/MS	1.000	1.08	UGL	108.0	(50-150)	
MS	Beryllium, Total, ICAP/MS	5.00	5.02	UGL	100.4	(70-130)	
MS2	Beryllium, Total, ICAP/MS	5.00	5.18	UGL	103.6	(70-130)	
MSD	Beryllium, Total, ICAP/MS	5.00	5.20	UGL	104.0	(70-130)	
MSD2	Beryllium, Total, ICAP/MS	5.00	5.00	UGL	100.0	(70-130)	
RPD_LCS	Beryllium, Total, ICAP/MS	104.400	104.200	UGL	0.2	(0-20)	
RPD_MS	Beryllium, Total, ICAP/MS	100.400	104.000	UGL	3.5	(0-20)	

QC Ref #371665 Nickel, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Nickel, Total, ICAP/MS	50	51.1	UGL	102.2	(85-115)	
LCS2	Nickel, Total, ICAP/MS	50	51.7	UGL	103.4	(85-115)	
MBLK	Nickel, Total, ICAP/MS	ND	<5.0	UGL			
MRL_CHK	Nickel, Total, ICAP/MS	5.000	5.11	UGL	102.2	(50-150)	
MS	Nickel, Total, ICAP/MS	50	49.7	UGL	99.4	(70-130)	
MS2	Nickel, Total, ICAP/MS	50	49.6	UGL	99.2	(70-130)	
MSD	Nickel, Total, ICAP/MS	50	49.6	UGL	99.2	(70-130)	
MSD2	Nickel, Total, ICAP/MS	50	48.6	UGL	97.2	(70-130)	
RPD_LCS	Nickel, Total, ICAP/MS	102.200	103.400	UGL	1.2	(0-20)	
RPD_MS	Nickel, Total, ICAP/MS	99.400	99.200	UGL	0.2	(0-20)	

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



Tronox LLC - Henderson
(continued)

QC Ref #371667 Copper, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Copper, Total, ICAP/MS	100	102	UGL	102.0	(85-115)	
LCS2	Copper, Total, ICAP/MS	100	104	UGL	104.0	(85-115)	
MBLK	Copper, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Copper, Total, ICAP/MS	2.000	2.10	UGL	105.0	(50-150)	
MS	Copper, Total, ICAP/MS	100	102	UGL	102.0	(70-130)	
MS2	Copper, Total, ICAP/MS	100	99.2	UGL	99.2	(70-130)	
MSD	Copper, Total, ICAP/MS	100	101	UGL	101.0	(70-130)	
MSD2	Copper, Total, ICAP/MS	100	98.1	UGL	98.1	(70-130)	
RPD_LCS	Copper, Total, ICAP/MS	102.000	104.000	UGL	1.9	(0-20)	
RPD_MS	Copper, Total, ICAP/MS	102.000	101.000	UGL	1.0	(0-20)	

QC Ref #371671 Arsenic, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Arsenic, Total, ICAP/MS	20	20.5	UGL	102.5	(85-115)	
LCS2	Arsenic, Total, ICAP/MS	20	20.6	UGL	103.0	(85-115)	
MBLK	Arsenic, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Arsenic, Total, ICAP/MS	1.000	1.08	UGL	108.0	(50-150)	
MS	Arsenic, Total, ICAP/MS	20	20.1	UGL	100.5	(70-130)	
MS2	Arsenic, Total, ICAP/MS	20	19.5	UGL	97.5	(70-130)	
MSD	Arsenic, Total, ICAP/MS	20	20.1	UGL	100.5	(70-130)	
MSD2	Arsenic, Total, ICAP/MS	20	18.9	UGL	94.5	(70-130)	
RPD_LCS	Arsenic, Total, ICAP/MS	102.500	103.000	UGL	0.5	(0-20)	
RPD_MS	Arsenic, Total, ICAP/MS	100.500	100.500	UGL	0.0	(0-20)	

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Monrovia, California 91016-3629
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Laboratory
QC Report
#207227

Tronox LLC - Henderson
(continued)

QC Ref #371674

Selenium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Selenium, Total, ICAP/MS	20	20.7	UGL	103.5	(85-115)	
LCS2	Selenium, Total, ICAP/MS	20	20.3	UGL	101.5	(85-115)	
MBLK	Selenium, Total, ICAP/MS	ND	<5.0	UGL			
MRL_CHK	Selenium, Total, ICAP/MS	5.000	5.09	UGL	101.8	(50-150)	
MS	Selenium, Total, ICAP/MS	20	21.3	UGL	106.5	(70-130)	
MS2	Selenium, Total, ICAP/MS	20	18.7	UGL	93.5	(70-130)	
MSD	Selenium, Total, ICAP/MS	20	21.9	UGL	109.5	(70-130)	
MSD2	Selenium, Total, ICAP/MS	20	18.4	UGL	92.0	(70-130)	
RPD_LCS	Selenium, Total, ICAP/MS	103.500	101.500	UGL	2.0	(0-20)	
RPD_MS	Selenium, Total, ICAP/MS	106.500	109.500	UGL	2.8	(0-20)	

QC Ref #371678

Silver, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Silver, Total, ICAP/MS	50	52.1	UGL	104.2	(85-115)	
LCS2	Silver, Total, ICAP/MS	50	52.5	UGL	105.0	(85-115)	
MBLK	Silver, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Silver, Total, ICAP/MS	0.500	0.549	UGL	109.8	(50-150)	
MS	Silver, Total, ICAP/MS	50	54.3	UGL	108.6	(70-130)	
MS2	Silver, Total, ICAP/MS	50	49.4	UGL	98.8	(70-130)	
MSD	Silver, Total, ICAP/MS	50	54.4	UGL	108.8	(70-130)	
MSD2	Silver, Total, ICAP/MS	50	47.9	UGL	95.8	(70-130)	
RPD_LCS	Silver, Total, ICAP/MS	104.200	105.000	UGL	0.8	(0-20)	
RPD_MS	Silver, Total, ICAP/MS	108.600	108.800	UGL	0.2	(0-20)	

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750 Royal Oaks Drive, Suite 100
 Monrovia, California 91016-3829
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 QC Report
 #207227

Tronox LLC - Henderson
 (continued)

QC Ref #371680

Cadmium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Cadmium, Total, ICAP/MS	20	20.3	UGL	101.5	(85-115)	
LCS2	Cadmium, Total, ICAP/MS	20	20.2	UGL	101.0	(85-115)	
MBLK	Cadmium, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Cadmium, Total, ICAP/MS	0.500	0.529	UGL	105.8	(50-150)	
MS	Cadmium, Total, ICAP/MS	20	20.0	UGL	100.0	(70-130)	
MS2	Cadmium, Total, ICAP/MS	20	19.3	UGL	96.5	(70-130)	
MSD	Cadmium, Total, ICAP/MS	20	20.1	UGL	100.5	(70-130)	
MSD2	Cadmium, Total, ICAP/MS	20	18.7	UGL	93.5	(70-130)	
RPD_LCS	Cadmium, Total, ICAP/MS	101.500	101.000	UGL	0.5	(0-20)	
RPD_MS	Cadmium, Total, ICAP/MS	100.000	100.500	UGL	0.5	(0-20)	

QC Ref #371682

Antimony, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Antimony, Total, ICAP/MS	50	51.0	UGL	102.0	(85-115)	
LCS2	Antimony, Total, ICAP/MS	50	51.4	UGL	102.8	(85-115)	
MBLK	Antimony, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Antimony, Total, ICAP/MS	1.000	1.11	UGL	111.0	(50-150)	
MS	Antimony, Total, ICAP/MS	50	51.2	UGL	102.4	(70-130)	
MS2	Antimony, Total, ICAP/MS	50	50.6	UGL	101.2	(70-130)	
MSD	Antimony, Total, ICAP/MS	50	51.1	UGL	102.2	(70-130)	
MSD2	Antimony, Total, ICAP/MS	50	49.2	UGL	98.4	(70-130)	
RPD_LCS	Antimony, Total, ICAP/MS	102.000	102.800	UGL	0.8	(0-20)	
RPD_MS	Antimony, Total, ICAP/MS	102.400	102.200	UGL	0.2	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
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Tronox LLC - Henderson
(continued)

QC Ref #371683

Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Aluminum, Total, ICAP/MS	200	200	UGL	100.0	(85-115)	
LCS2	Aluminum, Total, ICAP/MS	200	201	UGL	100.5	(85-115)	
MBLK	Aluminum, Total, ICAP/MS	ND	<20	UGL			
MRL_CHK	Aluminum, Total, ICAP/MS	25.000	20.3	UGL	81.2	(50-150)	
MS	Aluminum, Total, ICAP/MS	200	191	UGL	95.5	(70-130)	
MS2	Aluminum, Total, ICAP/MS	200	192	UGL	96.0	(70-130)	
MSD	Aluminum, Total, ICAP/MS	200	189	UGL	94.5	(70-130)	
MSD2	Aluminum, Total, ICAP/MS	200	190	UGL	95.0	(70-130)	
RPD_LCS	Aluminum, Total, ICAP/MS	100.000	100.500	UGL	0.5	(0-20)	
RPD_MS	Aluminum, Total, ICAP/MS	95.500	94.500	UGL	1.1	(0-20)	

QC Ref #371685

Barium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Barium, Total, ICAP/MS	100	97.9	UGL	97.9	(85-115)	
LCS2	Barium, Total, ICAP/MS	100	98.2	UGL	98.2	(85-115)	
MBLK	Barium, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Barium, Total, ICAP/MS	2.000	2.09	UGL	104.5	(50-150)	
MS	Barium, Total, ICAP/MS	100	99.5	UGL	99.5	(70-130)	
MS2	Barium, Total, ICAP/MS	100	100	UGL	100.0	(70-130)	
MSD	Barium, Total, ICAP/MS	100	99.7	UGL	99.7	(70-130)	
MSD2	Barium, Total, ICAP/MS	100	96.6	UGL	96.6	(70-130)	
RPD_LCS	Barium, Total, ICAP/MS	97.900	98.200	UGL	0.3	(0-20)	
RPD_MS	Barium, Total, ICAP/MS	99.500	99.700	UGL	0.2	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates
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Tronox LLC - Henderson
 (continued)

QC Ref #371687 Thallium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Thallium, Total, ICAP/MS	20.0	21.8	UGL	109.0	(85-115)	
LCS2	Thallium, Total, ICAP/MS	20.0	21.9	UGL	109.5	(85-115)	
MBLK	Thallium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Thallium, Total, ICAP/MS	1.000	1.10	UGL	110.0	(50-150)	
MS	Thallium, Total, ICAP/MS	20.0	20.7	UGL	103.5	(70-130)	
MS2	Thallium, Total, ICAP/MS	20.0	20.6	UGL	103.0	(70-130)	
MSD	Thallium, Total, ICAP/MS	20.0	20.5	UGL	102.5	(70-130)	
MSD2	Thallium, Total, ICAP/MS	20.0	19.9	UGL	99.5	(70-130)	
RPD_LCS	Thallium, Total, ICAP/MS	109.000	109.500	UGL	0.5	(0-20)	
RPD_MS	Thallium, Total, ICAP/MS	103.500	102.500	UGL	1.0	(0-20)	

QC Ref #371689 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Lead, Total, ICAP/MS	20	21.4	UGL	107.0	(85-115)	
LCS2	Lead, Total, ICAP/MS	20	21.5	UGL	107.5	(85-115)	
MBLK	Lead, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Lead, Total, ICAP/MS	0.500	0.580	UGL	116.0	(50-150)	
MS	Lead, Total, ICAP/MS	20	20.6	UGL	103.0	(70-130)	
MS2	Lead, Total, ICAP/MS	20	20.3	UGL	101.5	(70-130)	
MSD	Lead, Total, ICAP/MS	20	20.2	UGL	101.0	(70-130)	
MSD2	Lead, Total, ICAP/MS	20	19.6	UGL	98.0	(70-130)	
RPD_LCS	Lead, Total, ICAP/MS	107.000	107.500	UGL	0.5	(0-20)	
RPD_MS	Lead, Total, ICAP/MS	103.000	101.000	UGL	2.0	(0-20)	

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MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Menlo Park, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
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QC Ref #371696 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Chromium, Total, ICAP/MS	100	101	UGL	101.0	(85-115)	
LCS2	Chromium, Total, ICAP/MS	100	102	UGL	102.0	(85-115)	
MBLK	Chromium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Chromium, Total, ICAP/MS	1.000	1.03	UGL	103.0	(50-150)	
MS	Chromium, Total, ICAP/MS	100	99.2	UGL	99.2	(70-130)	
MS2	Chromium, Total, ICAP/MS	100	99.4	UGL	99.4	(70-130)	
MSD	Chromium, Total, ICAP/MS	100	98.9	UGL	98.9	(70-130)	
MSD2	Chromium, Total, ICAP/MS	100	97.2	UGL	97.2	(70-130)	
RPD_LCS	Chromium, Total, ICAP/MS	101.000	102.000	UGL	1.0	(0-20)	
RPD_MS	Chromium, Total, ICAP/MS	99.200	98.900	UGL	0.3	(0-20)	

QC Ref #371698 Manganese, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120292	UGL		(0-0)	
AASPKSMP	Spiked sample	Lab # 27	06120365	UGL		(0-0)	
LCS1	Manganese, Total, ICAP/MS	50	52.0	UGL	104.0	(85-115)	
LCS2	Manganese, Total, ICAP/MS	50	52.5	UGL	105.0	(85-115)	
MBLK	Manganese, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Manganese, Total, ICAP/MS	2.000	2.12	UGL	106.0	(50-150)	
MS	Manganese, Total, ICAP/MS	50	50.3	UGL	100.6	(70-130)	
MS2	Manganese, Total, ICAP/MS	50	50.1	UGL	100.2	(70-130)	
MSD	Manganese, Total, ICAP/MS	50	49.8	UGL	99.6	(70-130)	
MSD2	Manganese, Total, ICAP/MS	50	49.2	UGL	98.4	(70-130)	
RPD_LCS	Manganese, Total, ICAP/MS	104.000	105.000	UGL	1.0	(0-20)	
RPD_MS	Manganese, Total, ICAP/MS	100.600	99.600	UGL	1.0	(0-20)	

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QC Ref #371778 Fluoride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	06110335	MGL		(0-0)	
CCC3	Fluoride	10.0	9.78	MGL	97.8	(81-116)	
CCCH	Fluoride	10.0	9.82	MGL	98.2	(81-116)	
CCCL	Fluoride	0.5	0.495	MGL	99.0	(81-116)	
CCCM	Fluoride	0.5	0.500	MGL	100.0	(81-116)	
CCCS	Fluoride	0.05	0.045	MGL	90.0	(81-116)	
LCS1	Fluoride	1.00	0.980	MGL	98.0	(81-116)	
LCS2	Fluoride	1.00	0.963	MGL	96.3	(81-116)	
MBLK	Fluoride	ND	<0.050	MGL			
MRL_CHK	Fluoride	0.05	0.045	MGL	90.0	(50-150)	
MS	Fluoride	1.00	0.99	MGL	99.0	(73-124)	
MS2	Fluoride	1.00	0.98	MGL	98.0	(73-124)	
MSD	Fluoride	1.00	0.99	MGL	99.0	(73-124)	
MSD2	Fluoride	1.00	0.95	MGL	95.0	(73-124)	
RPD_LCS	Fluoride	98.000	96.300	MGL	1.7	(0-20)	
RPD_MS	Fluoride	99.000	99.000	MGL	0.0	(0-20)	

QC Ref #371779 Chloride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06110194	MGL		(0-0)	
LCS1	Chloride	25	25.4	MGL	101.6	(90-110)	
LCS2	Chloride	25	25.4	MGL	101.6	(90-110)	
MBLK	Chloride	ND	<1.0	MGL			
MRL_CHK	Chloride	0.500	0.444	MGL	88.8	(50-150)	
MS	Chloride	12.5	13.0	MGL	104.0	(74-126)	
MSD	Chloride	12.5	13.0	MGL	104.0	(74-126)	
RPD_LCS	Chloride	101.600	101.600	MGL	0.0	(0-20)	
RPD_MS	Chloride	104.000	104.000	MGL	0.0	(0-20)	

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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)

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QC Ref #371784 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06110194	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.45	MGL	98.0	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.45	MGL	98.0	(90-110)	
MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrate as Nitrogen by IC	0.050	0.0446	MGL	89.2	(50-150)	
MS	Nitrate as Nitrogen by IC	1.25	1.23	MGL	98.4	(80-112)	
MSD	Nitrate as Nitrogen by IC	1.25	1.23	MGL	98.4	(80-112)	
RPD_LCS	Nitrate as Nitrogen by IC	98.000	98.000	MGL	0.0	(0-20)	
RPD_MS	Nitrate as Nitrogen by IC	98.400	98.400	MGL	0.0	(0-20)	

QC Ref #371786 Sulfate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06110194	MGL		(0-0)	
LCS1	Sulfate	50	51.2	MGL	102.4	(90-110)	
LCS2	Sulfate	50	51.3	MGL	102.6	(90-110)	
MBLK	Sulfate	ND	<0.50	MGL			
MRL_CHK	Sulfate	1.00	0.934	MGL	93.4	(50-150)	
MS	Sulfate	25	25.2	MGL	100.8	(83-115)	
MSD	Sulfate	25	25.3	MGL	101.2	(83-115)	
RPD_LCS	Sulfate	102.400	102.600	MGL	0.2	(0-20)	
RPD_MS	Sulfate	100.800	101.200	MGL	0.4	(0-20)	

QC Ref #371876 Iron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP	5.0	4.72	MGL	94.4	(85-115)	
LCS2	Iron, Total, ICAP	5.0	5.07	MGL	101.4	(85-115)	
MBLK	Iron, Total, ICAP	ND	<0.020	MGL			

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A Division of MWH Americas, Inc.

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

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MRL_CHK	Analyte	0.020	0.022	MGL	110.0	(50-150)
MS	Iron, Total, ICAP	5.0	5.10	MGL	102.0	(70-130)
MS2	Iron, Total, ICAP	5.0	5.15	MGL	103.0	(70-130)
MSD	Iron, Total, ICAP	5.0	5.09	MGL	101.8	(70-130)
MSD2	Iron, Total, ICAP	5.0	5.09	MGL	101.8	(70-130)
RPD_LCS	Iron, Total, ICAP	94.400	101.400	MGL	7.2	(0-20)
RPD_MS	Iron, Total, ICAP	102.000	101.800	MGL	0.2	(0-20)

QC Ref #371879 Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Total, ICAP	20	18.2	MGL	91.0	(85-115)	
LCS2	Potassium, Total, ICAP	20	19.4	MGL	97.0	(85-115)	
MBLK	Potassium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Potassium, Total, ICAP	1.000	1.08	MGL	108.0	(50-150)	
MS	Potassium, Total, ICAP	20	19.8	MGL	99.0	(70-130)	
MS2	Potassium, Total, ICAP	20	20.0	MGL	100.0	(70-130)	
MSD	Potassium, Total, ICAP	20	19.9	MGL	99.5	(70-130)	
MSD2	Potassium, Total, ICAP	20	19.9	MGL	99.5	(70-130)	
RPD_LCS	Potassium, Total, ICAP	91.000	97.000	MGL	6.4	(0-20)	
RPD_MS	Potassium, Total, ICAP	99.000	99.500	MGL	0.5	(0-20)	

QC Ref #371882 Magnesium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Total, ICAP	20	18.6	MGL	93.0	(85-115)	
LCS2	Magnesium, Total, ICAP	20	19.8	MGL	99.0	(85-115)	
MBLK	Magnesium, Total, ICAP	ND	<0.10	MGL			
MRL_CHK	Magnesium, Total, ICAP	0.100	0.111	MGL	111.0	(50-150)	
MS	Magnesium, Total, ICAP	20	18.3	MGL	91.5	(70-130)	
MS2	Magnesium, Total, ICAP	20	16.9	MGL	84.5	(70-130)	
MSD	Magnesium, Total, ICAP	20	18.1	MGL	90.5	(70-130)	
MSD2	Magnesium, Total, ICAP	20	16.7	MGL	83.5	(70-130)	
RPD_LCS	Magnesium, Total, ICAP	93.000	99.000	MGL	6.2	(0-20)	

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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)

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RPD_MS Magnesium, Total, ICAP 91.500 90.500 MGL 1.1 (0-20)

QC Ref #371886 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Total, ICAP	50	44.5	MGL	89.0	(85-115)	
LCS2	Sodium, Total, ICAP	50	48.6	MGL	97.2	(85-115)	
MBLK	Sodium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Sodium, Total, ICAP	1.000	1.04	MGL	104.0	(50-150)	
MS	Sodium, Total, ICAP	50	33.0	MGL	<u>66.0</u>	(70-130)	
MS2	Sodium, Total, ICAP	50	36.6	MGL	73.2	(70-130)	
MSD	Sodium, Total, ICAP	50	33.8	MGL	<u>67.6</u>	(70-130)	
MSD2	Sodium, Total, ICAP	50	36.9	MGL	73.8	(70-130)	
RPD_LCS	Sodium, Total, ICAP	89.000	97.200	MGL	8.8	(0-20)	
RPD_MS	Sodium, Total, ICAP	66.000	67.600	MGL	2.4	(0-20)	

QC Ref #371888 Boron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Boron, Total, ICAP	0.5	0.517	MGL	103.4	(85-115)	
LCS2	Boron, Total, ICAP	0.5	0.510	MGL	102.0	(85-115)	
MBLK	Boron, Total, ICAP	ND	<0.050	MGL			
MRL_CHK	Boron, Total, ICAP	0.050	0.055	MGL	110.0	(50-150)	
MS	Boron, Total, ICAP	0.5	0.497	MGL	99.4	(70-130)	
MS2	Boron, Total, ICAP	0.5	0.503	MGL	100.6	(70-130)	
MSD	Boron, Total, ICAP	0.5	0.502	MGL	100.4	(70-130)	
MSD2	Boron, Total, ICAP	0.5	0.510	MGL	102.0	(70-130)	
RPD_LCS	Boron, Total, ICAP	103.400	102.000	MGL	1.4	(0-20)	
RPD_MS	Boron, Total, ICAP	99.400	100.400	MGL	1.0	(0-20)	

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QC Ref #371891 Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Total, ICAP	50	47.7	MGL	95.4	(85-115)	
LCS2	Calcium, Total, ICAP	50	51.8	MGL	103.6	(85-115)	
MBLK	Calcium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Calcium, Total, ICAP	1.000	1.06	MGL	106.0	(50-150)	
MS	Calcium, Total, ICAP	50	48.1	MGL	96.2	(70-130)	
MS2	Calcium, Total, ICAP	50	48.9	MGL	97.8	(70-130)	
MSD	Calcium, Total, ICAP	50	47.9	MGL	95.8	(70-130)	
MSD2	Calcium, Total, ICAP	50	48.6	MGL	97.2	(70-130)	
RPD_LCS	Calcium, Total, ICAP	95.400	103.600	MGL	8.2	(0-20)	
RPD_MS	Calcium, Total, ICAP	96.200	95.800	MGL	0.4	(0-20)	

QC Ref #371897 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	1060	1060	UMHO		(0-20)	0.0
DUP2	Specific Conductance	690	676	UMHO		(0-20)	2.0
LCS1	Specific Conductance	1000	992	UMHO	99.2	(90-110)	
LCS2	Specific Conductance	1000	992	UMHO	99.2	(90-110)	
MBLK	Specific Conductance	ND	<2.0	UMHO			
MRL_CHK	Specific Conductance	2.00	1.63	UMHO	81.5	(50-150)	

QC Ref #371900 Zinc, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120634	MGL		(0-0)	
LCS1	Zinc, Total, ICAP	1.00	1.13	MGL	113.0	(85-115)	
LCS2	Zinc, Total, ICAP	1.00	1.12	MGL	112.0	(85-115)	
MBLK	Zinc, Total, ICAP	ND	<0.020	MGL			
MRL_CHK	Zinc, Total, ICAP	0.020	0.0207	MGL	103.5	(50-150)	

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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)

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MS	Zinc, Total, ICAP	1.00	1.15	MGL	115.0	(70-130)
MSD	Zinc, Total, ICAP	1.00	1.15	MGL	115.0	(70-130)

QC Ref #371918 Mercury

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	06080288	UGL		(0-0)	
LCS1	Mercury	1.50	1.48	UGL	98.7	(85-115)	
LCS2	Mercury	1.50	1.51	UGL	100.7	(85-115)	
MBLK	Mercury	ND	<0.20	UGL			
MRL_CHK	Mercury	0.200	0.208	UGL	104.0	(50-150)	
MS	Mercury	1.50	1.52	UGL	101.3	(70-130)	
MSD	Mercury	1.50	1.53	UGL	102.0	(70-130)	
RPD_LCS	Mercury	98.667	100.667	UGL	2.0	(0-20)	
RPD_MS	Mercury	101.333	102.000	UGL	0.7	(0-20)	

QC Ref #371924 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06110372	UNIT		(0-0)	
DUP	PH (H3=past HT, not compliant)	8.16	8.13	UNIT		(0-20)	0.4

QC Ref #371946 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	06120329	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.4	UGL	97.6	(85-115)	
LCS2	Perchlorate	25.0	23.7	UGL	94.8	(85-115)	
LCS3	Perchlorate	4	4.13	UGL	103.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.7	UGL	98.8	(80-120)	
MSD	Perchlorate	25.0	24.3	UGL	97.2	(80-120)	
RPD_LCS	Perchlorate	97.600	94.800	UGL	2.9	(0-15)	

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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)

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RPD_MS Perchlorate 98.800 97.200 UGL 1.0 (0-15)

QC Ref #372216 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06120336	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	326	326	MGL		(0-10)	0.0
LCS1	Total Dissolved Solid (TDS)	175	160	MGL	91.4	(80-114)	
LCS2	Total Dissolved Solid (TDS)	700	704	MGL	100.6	(80-114)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	11	MGL	110.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	91.429	100.571	MGL	9.5	(0-20)	

QC Ref #372311 Alkalinity in CaCO3 units

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	06120450	MGL		(0-0)	
LCS1	Alkalinity in CaCO3 units	100	101	MGL	101.0	(90-110)	
LCS2	Alkalinity in CaCO3 units	100	101	MGL	101.0	(90-110)	
MBLK	Alkalinity in CaCO3 units	ND	<2.0	MGL			
MRL_CHK	Alkalinity in CaCO3 units	2.00	2.74	MGL	137.0	(50-150)	
MS	Alkalinity in CaCO3 units	100	87.0	MGL	87.0	(80-120)	
MS2	Alkalinity in CaCO3 units	100	91.0	MGL	91.0	(80-120)	
MSD	Alkalinity in CaCO3 units	100	89.0	MGL	89.0	(80-120)	
MSD2	Alkalinity in CaCO3 units	100	92.0	MGL	92.0	(80-120)	
RPD_LCS	Alkalinity in CaCO3 units	101.000	101.000	MGL	0.0	(0-10)	
RPD_MS	Alkalinity in CaCO3 units	87.000	89.000	MGL	2.3	(0-20)	

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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
QC Report
#207227

Tronox LLC - Henderson
(continued)

QC Ref #372452 Weak Acid Dissociable Cyanide

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	06110154	MGL		(0-0)	
LCS1	Weak Acid Dissociable Cyanide	0.1	0.097	MGL	97.0	(90-110)	
LCS2	Weak Acid Dissociable Cyanide	0.1	0.097	MGL	97.0	(90-110)	
MBLK	Weak Acid Dissociable Cyanide	ND	<0.0050	MGL			
MS	Weak Acid Dissociable Cyanide	0.1	0.102	MGL	102.0	(85-115)	
MSD	Weak Acid Dissociable Cyanide	0.1	0.103	MGL	103.0	(85-115)	

QC Ref #372566 Volatile Organics HSL

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,2-Trichloroethane (1,1,2-T	5.0	5.25	UGL	105.0	(82-117)	
LCS2	1,1,2-Trichloroethane (1,1,2-T	5.0	4.59	UGL	91.8	(82-117)	
MBLK	1,1,2-Trichloroethane (1,1,2-T	ND	<0.5	UGL			
RPD_LCS	1,1,2-Trichloroethane (1,1,2-T	105.000	91.800	UGL	13.4	(0-20)	
LCS1	1,1-Dichloroethylene (1,1DC	5.0	5.36	UGL	107.2	(81-129)	
LCS2	1,1-Dichloroethylene (1,1DC	5.0	4.75	UGL	95.0	(81-129)	
MBLK	1,1-Dichloroethylene (1,1DC	ND	<0.5	UGL			
RPD_LCS	1,1-Dichloroethylene (1,1DC	107.200	95.000	UGL	12.1	(0-20)	
LCS1	1,1-Dichloroethane	5.0	5.35	UGL	107.0	(85-120)	
LCS2	1,1-Dichloroethane	5.0	4.51	UGL	90.2	(85-120)	
MBLK	1,1-Dichloroethane	ND	<0.5	UGL			
RPD_LCS	1,1-Dichloroethane	107.000	90.200	UGL	17.0	(0-20)	
LCS1	o-Dichlorobenzene (1,2-DCB)	5.0	5.47	UGL	109.4	(88-118)	
LCS2	o-Dichlorobenzene (1,2-DCB)	5.0	4.38	UGL	<u>87.6</u>	(88-118)	
MELK	o-Dichlorobenzene (1,2-DCB)	ND	<0.5	UGL			
RPD_LCS	o-Dichlorobenzene (1,2-DCB)	109.400	87.600	UGL	<u>22.1</u>	(0-20)	
LCS1	1,2-Dichloroethane	5.0	5.68	UGL	113.6	(86-123)	
LCS2	1,2-Dichloroethane	5.0	4.71	UGL	94.2	(86-123)	
MBLK	1,2-Dichloroethane	ND	<0.5	UGL			
RPD_LCS	1,2-Dichloroethane	113.600	94.200	UGL	18.7	(0-20)	

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Tronox LLC - Henderson
 (continued)

LCS1	1,2-Dichloropropane	5.0	5.35	UGL	107.0	(84-112)
LCS2	1,2-Dichloropropane	5.0	4.50	UGL	90.0	(84-112)
MBLK	1,2-Dichloropropane	ND	<0.5	UGL		
RPD_LCS	1,2-Dichloropropane	107.000	90.000	UGL	17.3	(0-20)
LCS1	m-Dichlorobenzene (1,3-DCB)	5.0	5.53	UGL	110.6	(81-139)
LCS2	m-Dichlorobenzene (1,3-DCB)	5.0	4.82	UGL	96.4	(81-139)
MBLK	m-Dichlorobenzene (1,3-DCB)	ND	<0.5	UGL		
RPD_LCS	m-Dichlorobenzene (1,3-DCB)	110.600	96.400	UGL	13.7	(0-20)
LCS1	p-Dichlorobenzene (1,4-DCB)	5.0	5.77	UGL	115.4	(83-140)
LCS2	p-Dichlorobenzene (1,4-DCB)	5.0	4.91	UGL	98.2	(83-140)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND	<0.5	UGL		
RPD_LCS	p-Dichlorobenzene (1,4-DCB)	115.400	98.200	UGL	16.1	(0-20)
LCS1	2-Butanone (MEK)	50	50.9	UGL	101.8	(71-120)
LCS2	2-Butanone (MEK)	50	40.6	UGL	81.2	(71-120)
MBLK	2-Butanone (MEK)	ND	<10	UGL		
RPD_LCS	2-Butanone (MEK)	101.800	81.200	UGL	<u>22.5</u>	(0-20)
LCS1	2-Hexanone	50	55.7	UGL	111.4	(75-115)
LCS2	2-Hexanone	50	45.9	UGL	91.8	(75-115)
MBLK	2-Hexanone	ND	<10	UGL		
RPD_LCS	2-Hexanone	111.400	91.800	UGL	19.3	(0-20)
LCS1	4-Methyl-2-Pentanone (MIBK)	50	57.6	UGL	115.2	(76-118)
LCS2	4-Methyl-2-Pentanone (MIBK)	50	47.4	UGL	94.8	(76-118)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND	<10	UGL		
RPD_LCS	4-Methyl-2-Pentanone (MIBK)	115.200	94.800	UGL	19.4	(0-20)
LCS1	Acetone	50	40.3	UGL	80.6	(61-125)
LCS2	Acetone	50	34.6	UGL	69.2	(61-125)
MBLK	Acetone	ND	<10	UGL		
RPD_LCS	Acetone	80.600	69.200	UGL	15.2	(0-20)
LCS1	Benzene	5.0	5.43	UGL	108.6	(89-119)
LCS2	Benzene	5.0	4.59	UGL	91.8	(89-119)
MBLK	Benzene	ND	<0.5	UGL		
RPD_LCS	Benzene	108.600	91.800	UGL	16.8	(0-20)
LCS1	cis-1,2-Dichloroethene	5.0	5.38	UGL	107.6	(85-117)
LCS2	cis-1,2-Dichloroethene	5.0	4.60	UGL	92.0	(85-117)
MBLK	cis-1,2-Dichloroethene	ND	<0.5	UGL		
RPD_LCS	cis-1,2-Dichloroethene	107.600	92.000	UGL	15.6	(0-20)

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Tronox LLC - Henderson
 (continued)

LCS1	Chlorobenzene	5.0	5.60	UGL	112.0	(88-118)
LCS2	Chlorobenzene	5.0	4.68	UGL	93.6	(88-118)
MBLK	Chlorobenzene	ND	<0.5	UGL		
RPD_LCS	Chlorobenzene	112.000	93.600	UGL	17.9	(0-20)
LCS1	cis-1,3-Dichloropropene	5.0	5.27	UGL	105.4	(75-109)
LCS2	cis-1,3-Dichloropropene	5.0	4.43	UGL	88.6	(75-109)
MBLK	cis-1,3-Dichloropropene	ND	<0.5	UGL		
RPD_LCS	cis-1,3-Dichloropropene	105.400	88.600	UGL	17.3	(0-20)
LCS1	Bromoform	5.0	5.03	UGL	100.6	(75-129)
LCS2	Bromoform	5.0	4.31	UGL	86.2	(75-129)
MBLK	Bromoform	ND	<0.5	UGL		
RPD_LCS	Bromoform	100.600	86.200	UGL	15.4	(0-20)
LCS1	Chloroform (Trichloromethane)	5.0	5.42	UGL	108.4	(85-121)
LCS2	Chloroform (Trichloromethane)	5.0	4.44	UGL	88.8	(85-121)
MBLK	Chloroform (Trichloromethane)	ND	<0.5	UGL		
RPD_LCS	Chloroform (Trichloromethane)	108.400	88.800	UGL	19.9	(0-20)
LCS1	Chloroethane	5.0	5.67	UGL	113.4	(76-127)
LCS2	Chloroethane	5.0	5.23	UGL	104.6	(76-127)
MBLK	Chloroethane	ND	<0.5	UGL		
RPD_LCS	Chloroethane	113.400	104.600	UGL	8.1	(0-20)
LCS1	Carbon disulfide	5.0	4.37	UGL	87.4	(73-129)
LCS2	Carbon disulfide	5.0	3.59	UGL	<u>71.8</u>	(73-129)
MBLK	Carbon disulfide	ND	<0.5	UGL		
RPD_LCS	Carbon disulfide	87.400	71.800	UGL	19.6	(0-20)
LCS1	Carbon Tetrachloride	5.0	5.40	UGL	108.0	(79-124)
LCS2	Carbon Tetrachloride	5.0	4.48	UGL	89.6	(79-124)
MBLK	Carbon Tetrachloride	ND	<0.5	UGL		
RPD_LCS	Carbon Tetrachloride	108.000	89.600	UGL	18.6	(0-20)
LCS1	Dibromochloromethane	5.0	5.18	UGL	103.6	(79-118)
LCS2	Dibromochloromethane	5.0	4.45	UGL	89.0	(79-118)
MBLK	Dibromochloromethane	ND	<0.5	UGL		
RPD_LCS	Dibromochloromethane	103.600	89.000	UGL	15.2	(0-20)
LCS1	Dichlorobromomethane	5.0	5.09	UGL	101.8	(80-115)
LCS2	Dichlorobromomethane	5.0	4.21	UGL	84.2	(80-115)
MBLK	Dichlorobromomethane	ND	<0.5	UGL		
RPD_LCS	Dichlorobromomethane	101.800	84.200	UGL	18.9	(0-20)

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MWH Laboratories

A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
 Monrovia, California 91016-0629
 Tel: 626 386 1100
 Fax: 626 386 1101
 1 800 566 LABS (1 800 566 5227)

Laboratory
 QC Report
 #207227

Tronox LLC - Henderson (continued)

LCS1	Ethyl benzene	5.0	5.58	UGL	111.6	(83-115)
LCS2	Ethyl benzene	5.0	4.73	UGL	94.6	(83-115)
MBLK	Ethyl benzene	ND	<0.5	UGL		
RPD_LCS	Ethyl benzene	111.600	94.600	UGL	16.5	(0-20)
LCS1	Dichlorodifluoromethane	5.0	5.94	UGL	118.8	(63-131)
LCS2	Dichlorodifluoromethane	5.0	5.45	UGL	109.0	(63-131)
MBLK	Dichlorodifluoromethane	ND	<0.5	UGL		
RPD_LCS	Dichlorodifluoromethane	118.800	109.000	UGL	8.6	(0-20)
LCS1	Methyl Bromide	5.0	5.83	UGL	116.6	(58-145)
LCS2	Methyl Bromide	5.0	5.37	UGL	107.4	(58-145)
MBLK	Methyl Bromide	ND	<0.5	UGL		
RPD_LCS	Methyl Bromide	116.600	107.400	UGL	8.2	(0-20)
LCS1	Methyl Chloride	5.0	6.03	UGL	120.6	(76-126)
LCS2	Methyl Chloride	5.0	5.69	UGL	113.8	(76-126)
MBLK	Methyl Chloride	ND	<0.5	UGL		
RPD_LCS	Methyl Chloride	120.600	113.800	UGL	5.8	(0-20)
LCS1	Methylene Chloride	5.0	5.34	UGL	106.8	(83-123)
LCS2	Methylene Chloride	5.0	4.49	UGL	89.8	(83-123)
MBLK	Methylene Chloride	ND	<3.0	UGL		
RPD_LCS	Methylene Chloride	106.800	89.800	UGL	17.3	(0-20)
LCS1	m,p-Xylenes	10	11.5	UGL	115.0	(89-120)
LCS2	m,p-Xylenes	10	9.51	UGL	95.1	(89-120)
MBLK	m,p-Xylenes	ND	<1.0	UGL		
RPD_LCS	m,p-Xylenes	115.000	95.100	UGL	18.9	(0-20)
LCS1	o-Xylene	5.0	5.67	UGL	<u>113.4</u>	(84-111)
LCS2	o-Xylene	5.0	4.73	UGL	94.6	(84-111)
MBLK	o-Xylene	ND	<0.5	UGL		
RPD_LCS	o-Xylene	113.400	94.600	UGL	18.1	(0-20)
LCS1	1,1,2,2-Tetrachloroethane	5.0	5.39	UGL	107.8	(83-131)
LCS2	1,1,2,2-Tetrachloroethane	5.0	4.68	UGL	93.6	(83-131)
MBLK	1,1,2,2-Tetrachloroethane	ND	<0.5	UGL		
RPD_LCS	1,1,2,2-Tetrachloroethane	107.800	93.600	UGL	14.1	(0-20)
LCS1	Tetrachloroethylene (PCE)	5.0	5.45	UGL	109.0	(81-132)
LCS2	Tetrachloroethylene (PCE)	5.0	4.58	UGL	91.6	(81-132)
MBLK	Tetrachloroethylene (PCE)	ND	<0.5	UGL		
RPD_LCS	Tetrachloroethylene (PCE)	109.000	91.600	UGL	17.3	(0-20)

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Tronox LLC - Henderson
 (continued)

LCS1	Styrene	5.0	5.67	UGL	113.4	(83-115)
LCS2	Styrene	5.0	4.69	UGL	93.8	(83-115)
MBLK	Styrene	ND	<0.5	UGL		
RPD_LCS	Styrene	113.400	93.800	UGL	18.9	(0-20)
LCS1	1,2-dichloroethane-d4	100	102	%R	102.0	(70-130)
LCS2	1,2-dichloroethane-d4	100	103	%R	103.0	(70-130)
MBLK	1,2-dichloroethane-d4	100	108	%R	108.0	
RPD_LCS	1,2-dichloroethane-d4	102.000	103.000	%R	1.0	(0-20)
LCS1	Toluene-d8	100	104	%R	104.0	(70-130)
LCS2	Toluene-d8	100	101	%R	101.0	(70-130)
MBLK	Toluene-d8	100	101	%R	101.0	
RPD_LCS	Toluene-d8	104.000	101.000	%R	2.9	(0-20)
LCS1	4-Bromofluorobenzene	100	99	%R	99.0	(70-130)
LCS2	4-Bromofluorobenzene	100	104	%R	104.0	(70-130)
MBLK	4-Bromofluorobenzene	100	103	%R	103.0	
RPD_LCS	4-Bromofluorobenzene	99.000	104.000	%R	4.9	(0-20)
LCS1	trans-1,2-Dichloroethene	5.0	5.62	UGL	112.4	(84-126)
LCS2	trans-1,2-Dichloroethene	5.0	4.71	UGL	94.2	(84-126)
MBLK	trans-1,2-Dichloroethene	ND	<0.5	UGL		
RPD_LCS	trans-1,2-Dichloroethene	112.400	94.200	UGL	17.6	(0-20)
LCS1	1,1,1-Trichloroethane	5.0	5.48	UGL	109.6	(82-121)
LCS2	1,1,1-Trichloroethane	5.0	4.70	UGL	94.0	(82-121)
MBLK	1,1,1-Trichloroethane	ND	<0.5	UGL		
RPD_LCS	1,1,1-Trichloroethane	109.600	94.000	UGL	15.3	(0-20)
LCS1	Trichloroethylene (TCE)	5.0	5.52	UGL	110.4	(86-120)
LCS2	Trichloroethylene (TCE)	5.0	4.52	UGL	90.4	(86-120)
MBLK	Trichloroethylene (TCE)	ND	<0.5	UGL		
RPD_LCS	Trichloroethylene (TCE)	110.400	90.400	UGL	19.9	(0-20)
LCS1	Trichlorofluoromethane	5.0	5.81	UGL	116.2	(76-133)
LCS2	Trichlorofluoromethane	5.0	4.91	UGL	98.2	(76-133)
MBLK	Trichlorofluoromethane	ND	<0.5	UGL		
RPD_LCS	Trichlorofluoromethane	116.200	98.200	UGL	16.8	(0-20)
LCS1	trans-1,3-Dichloropropene	5.0	5.39	UGL	107.8	(71-114)
LCS2	trans-1,3-Dichloropropene	5.0	4.45	UGL	89.0	(71-114)
MBLK	trans-1,3-Dichloropropene	ND	<0.5	UGL		
RPD_LCS	trans-1,3-Dichloropropene	107.800	89.000	UGL	19.1	(0-20)

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Tronox LLC - Henderson
(continued)

LCS1	Tetrahydrofuran	50	54.5	UGL	109.0	(79-121)
LCS2	Tetrahydrofuran	50	44.6	UGL	89.2	(79-121)
MBLK	Tetrahydrofuran	ND	<10	UGL		
RPD_LCS	Tetrahydrofuran	109.000	89.200	UGL	20.0	(0-20)
LCS1	Toluene	5.0	5.62	UGL	112.4	(88-118)
LCS2	Toluene	5.0	4.77	UGL	95.4	(88-118)
MBLK	Toluene	ND	<0.5	UGL		
RPD_LCS	Toluene	112.400	95.400	UGL	16.4	(0-20)
LCS1	Vinyl Chloride (VC)	5.0	5.71	UGL	114.2	(72-125)
LCS2	Vinyl Chloride (VC)	5.0	5.31	UGL	106.2	(72-125)
MBLK	Vinyl Chloride (VC)	ND	<0.5	UGL		
RPD_LCS	Vinyl Chloride (VC)	114.200	106.200	UGL	7.3	(0-20)
LCS1	Vinyl Acetate	25	28.0	UGL	112.0	(61-125)
LCS2	Vinyl Acetate	25	22.1	UGL	88.4	(61-125)
MBLK	Vinyl Acetate	ND	<10	UGL		
RPD_LCS	Vinyl Acetate	112.000	88.400	UGL	<u>23.6</u>	(0-20)

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