



MWH Laboratories

A Division of MWH Americas, Inc.

750 Foyal Oaks Drive, Suite 100
Monrovia, California 91018-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

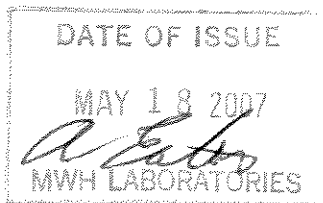
Laboratory Report

for

Tronox LLC - Henderson
PO Box 55

Henderson , NV 89009

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



ADE Andy Eaton
Project Manager



Report#: 203166
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 13 page[s].



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

MWLABS USE ONLY:

LOGIN COMMENTS:

203166

SAMPLES CHECKED/LOGGED IN BY: TJC

SAMPLE TEMP, RECEIPT AT LAB:

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME

PROJECT JOB # / P.O.#

KERRMCCEE-MP
Tronox LLC - Henderson Plant
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	TS	CR	SAMPLER COMMENTS
0530	4/30/07		ART-1	RSW	X		X		SBO - 12373 & 18787
0530	4/30/07		ART-2	RSW	X		X		
0530	4/30/07		ART-3	RSW	X		X		
0530	4/30/07		ART-4	RSW	X		X		
0530	4/30/07		ART-5	RSW	X		X		
0530	4/30/07		ART-6	RSW	X		X		
0530	4/30/07		ART-7	RSW	X		X		
0530	4/30/07		ART-8	RSW	X		X		
0600	4/30/07		PC-99R2R3	RSW	X		X		
0600	4/30/07		PC-115R	RSW	X		X		
0600	4/30/07		PC-116R	RSW	X		X		
0600	4/30/07		Seep Surface Flow	RSW	X		X		

DID NOT REC

* MATRIX TYPES:

Reported by Volume:

CFW = Chlorinated 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

Thomas McDaniel

PRINT NAME

Thomas McDaniel

COMPANY/TITLE

Veolia Water for Tronox LLC - Henderson Plant

TIME

DATE

4/30/2007 1200pm

RELINQUISHED BY:

Thomas McDaniel

PRINT NAME

Thomas McDaniel

COMPANY/TITLE

Veolia Water for Tronox LLC - Henderson Plant

TIME

DATE

5-1 100

RECEIVED BY:

Fidel Chavez

PRINT NAME

Fidel Chavez

COMPANY/TITLE

Veolia Water for Tronox LLC - Henderson Plant

TIME

DATE

5-1 100



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

MWLABS USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED/LOGGED IN BY: tlc

SAMPLE TEMP, RECEIPT AT LAB: 6.0

BLUE ICE: FROZEN PARTIALLY FROZEN THAWED

TO BE COMPLETED BY SAMPLER:

COMPANY / PROJECT NAME PROJECT JOB # / P.O.#

KERRMCGEE-MP Collectors Wells Fields - Monthly - SO #12373

Sampler Signature: Thomas McDaniel

Tronox LLC - Henderson Plant LLC
PO Box 55
Henderson, NV 89009

Susan Crowley (702) 651-2200

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	Total Cl ₂	TDS	CR	SAMPLER COMMENTS
6:00	4/30/07		SF-1	RSW	X		X	X		
6:00	4/30/07		PC-117	RSW	X		X	X		
6:00	4/30/07		PC-118	RSW	X		X	X		
6:00	4/30/07		PC-119	RSW	X		X	X		
6:00	4/30/07		PC-120	RSW	X		X	X		
6:00	4/30/07		PC-121	RSW	X		X	X		
6:00	4/30/07		PC-133	RSW	X		X	X		
5:30	4/30/07		ART-9	RSW	X		X	X		

* MATRIX TYPES:

Reported by Volume:

CW = Chlor(amin)ated 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

Thomas McDaniel

PRINT NAME

Thomas McDaniel

COMPANY/TITLE

Veolia Water for Tronox LLC - Henderson Plant

TIME

1200pm

DATE

4/30/2007

RELINQUISHED BY:

Thomas McDaniel

RECEIVED BY:

Fidel Cruz

RELINQUISHED BY:

Janey

RECEIVED BY:

5-1 10.a



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 Tronox LLC- Henderson Standing

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

Client Code KERRMCGEE-MP
Project Code CLO4
PO# / Job# GWREMEDICATION
Blanket PO

W Weekly
Week 1

SO# 35417 12373 RS

Sampler: Please Return this Paper with your samples

Created by HV
Order Date 04/02/07
Date Needed to Arrive at MWL by Client
SHIP LOCATION

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

Send Report to
Tronox LLC Henderson Plant
PO Box 55
Henderson, NV 89009

Billing Address
Tronox LLC
Attn: Accounts Payable
PO BOX 268859
Oklahoma City, OK 73126-8859

ATTN: Susan Crowley
PHONE: 702-651-2234

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

Quote#

HV

of Samples Tests

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

UN#

Important Comments

# of Samples	Tests	Bottles-Qty for each sample, type & preservative if any	UN#	Important Comments
30	CLO4, TDS,	1 250 ml poly /no preservative	-	Per Ed Krish 7-4-06 all samples will be TDS in lieu of EC
-	SHEET OF LABELS WITH WELL-IDS	see comments section	-	PC-117, PC-118, PC-119, PC-120, and PC-121
-			-	PC-116R
-			-	PC-99R2
-			-	PC-99R3
-			-	PC-115R
-			-	ART-1
-			-	ART-2
-			-	ART-3
-			-	ART-4
-			-	ART-5
-			-	ART-6
-			-	ART-7
-			-	ART-8
-			-	Seep Surface Flow
-			-	SF-1*
-			-	Do NOT prelabel bottles with site, but provide pre-printed labels for client to stick on
-			-	EXTRA BOTTLES INCLUDED client code changed 7/25/03
-			-	Testcode updated 3-16-06
-			-	standing order changed 6-14-06
-			-	login note added 7-6-06
-			-	TDS



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

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



Ship Date: 30APR07
 ActWgt: 30 LB
 System#: 2274147/INET7011
 Account#: S *****

Delivery Address Bar Code



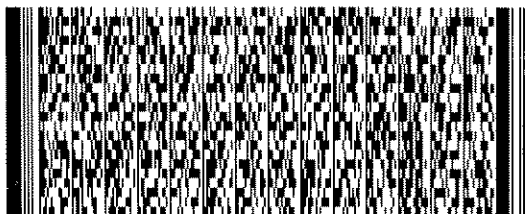
Ref # MSO #142582 - 30.0 lbs.
 Invoice #
 PO #
 Dept #

SHIP TO: (626)568-6400 **BILL SENDER**

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

MONROVIA, CA 910163629

CLS0223072123



PRIORITY OVERNIGHT

TUE

TRK# 7996 3166 9168

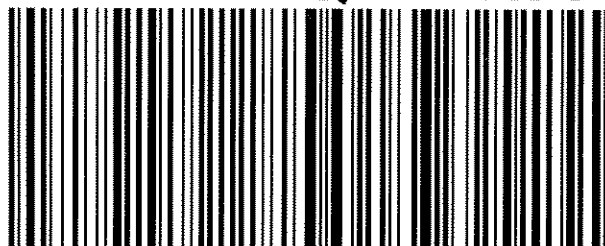
FORM 0201

Deliver By:
 01MAY07

BUR A2

91016 -CA-US

QZ WHPA



SCANNED

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.

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: 142582

SCANNED

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 04/30/07	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
	Weekly Discreets—Influent and Effluent Grab Samples Not Regulated 1 ice chest @ 20 lbs 1 ice chest @ 30 lbs		2 COOLERS
TRUCK SHIPMENTS		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.	
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	
	TOTAL GROSS WEIGHT	TOTAL TARE WEIGHT	
2	50	0	50
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		"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

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#: 203166
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

The following samples were received from you on **05/01/07**. 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
2705010734	ART-1	CLO4 TDS	Water	30-apr-2007 05:30:00
2705010735	ART-2	CLO4 TDS	Water	30-apr-2007 05:30:00
2705010736	ART-3	CLO4 TDS	Water	30-apr-2007 05:30:00
2705010737	ART-4	CLO4 TDS	Water	30-apr-2007 05:30:00
2705010738	ART-6	CLO4 TDS	Water	30-apr-2007 05:30:00
2705010739	ART-7	CLO4 TDS	Water	30-apr-2007 05:30:00
2705010740	ART-8	CLO4 TDS	Water	30-apr-2007 05:30:00
2705010743	PC-99R2/R3	CLO4 TDS	Water	30-apr-2007 06:00:00
2705010744	PC-115R	CLO4 TDS	Water	30-apr-2007 06:00:00
2705010745	PC-116R	CLO4 TDS	Water	30-apr-2007 06:00:00
2705010746	SEEP SURFACE FLOW	CLO4 TDS	Water	30-apr-2007 06:00:00
2705010747	SF-1	CLO4 TDS	Water	30-apr-2007 06:00:00
2705010748	PC-117	CLO4 TDS	Water	30-apr-2007 06:00:00
2705010749	PC-118	CLO4 TDS	Water	30-apr-2007 06:00:00
2705010750	PC-119	CLO4 TDS	Water	30-apr-2007 06:00:00
2705010751	PC-120	CLO4 TDS	Water	30-apr-2007 06:00:00
2705010752	PC-121	CLO4 TDS	Water	30-apr-2007 06:00:00

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#: 203166
 Project#: CLO4
 Proj Mgr: Andrew Eaton
 Phone: (626) 386-1125

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
2705010753	PC-133	CLO4 TDS	Water	30-apr-2007 06:00:00
2705010754	ART-9	CLO4 TDS	Water	30-apr-2007 05:30:00

Test Acronym Description

Test Acronym	Description
CLO4	Perchlorate
TDS	Total Dissolved Solid (TDS)



MWH Laboratories
A Division of MWH Americas, Inc.

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1 800 566 LABS (1 800 566 5227)

Report
Comments
#203166

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: _____



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 Monrovia, California 91016-3629
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Laboratory
 Hits Report
 #203166

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

Samples Received
 01-may-2007 19:30:10

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705010734	ART-1				
05/08/07	Perchlorate		107		ug/l	10
05/03/07	Total Dissolved Solid (TDS)		6820	500	mg/l	10
	2705010735	ART-2				
05/08/07	Perchlorate		102000		ug/l	20000
05/03/07	Total Dissolved Solid (TDS)		9120	500	mg/l	10
	2705010736	ART-3				
05/08/07	Perchlorate		366000		ug/l	40000
05/03/07	Total Dissolved Solid (TDS)		8060	500	mg/l	10
	2705010737	ART-4				
05/08/07	Perchlorate		359000		ug/l	40000
05/03/07	Total Dissolved Solid (TDS)		6060	500	mg/l	10
	2705010738	ART-6				
05/09/07	Perchlorate		81100		ug/l	20000
05/03/07	Total Dissolved Solid (TDS)		6900	500	mg/l	10
	2705010739	ART-7				
05/08/07	Perchlorate		148000		ug/l	20000
05/03/07	Total Dissolved Solid (TDS)		10300	500	mg/l	10
	2705010740	ART-8				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #203166

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

Samples Received
 01-may-2007 19:30:10

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705010740	ART-8				
05/08/07	Perchlorate		294000		ug/l	40000
05/03/07	Total Dissolved Solid (TDS)		9120	500	mg/l	10
	2705010743	PC-99R2/R3				
05/08/07	Perchlorate		22300		ug/l	2000
05/03/07	Total Dissolved Solid (TDS)		5410	500	mg/l	10
	2705010744	PC-115R				
05/08/07	Perchlorate		17900		ug/l	2000
05/03/07	Total Dissolved Solid (TDS)		4990	500	mg/l	10
	2705010745	PC-116R				
05/08/07	Perchlorate		13900		ug/l	2000
05/03/07	Total Dissolved Solid (TDS)		5090	500	mg/l	10
	2705010746	SEEP SURFACE FLOW				
05/08/07	Perchlorate		677		ug/l	200
05/03/07	Total Dissolved Solid (TDS)		3630	500	mg/l	10
	2705010747	SF-1				
05/11/07	Perchlorate		24700		ug/l	2000
05/03/07	Total Dissolved Solid (TDS)		8390	500	mg/l	10
	2705010748	PC-117				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
 Hits Report
 #203166

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

Samples Received
 01-may-2007 19:30:10

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705010748	PC-117				
05/08/07	Perchlorate		4170		ug/l	800
05/03/07	Total Dissolved Solid (TDS)		3800	500	mg/l	10
	2705010749	PC-118				
05/08/07	Perchlorate		10800		ug/l	800
05/03/07	Total Dissolved Solid (TDS)		4220	500	mg/l	10
	2705010750	PC-119				
05/08/07	Perchlorate		14000		ug/l	800
05/03/07	Total Dissolved Solid (TDS)		3750	500	mg/l	10
	2705010751	PC-120				
05/08/07	Perchlorate		1640		ug/l	400
05/03/07	Total Dissolved Solid (TDS)		2640	500	mg/l	10
	2705010752	PC-121				
05/08/07	Perchlorate		1610		ug/l	400
05/03/07	Total Dissolved Solid (TDS)		2700	500	mg/l	10
	2705010753	PC-133				
05/08/07	Perchlorate		7380		ug/l	800
05/03/07	Total Dissolved Solid (TDS)		4080	500	mg/l	10
	2705010754	ART-9				

SUMMARY OF POSITIVE DATA ONLY.



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Laboratory
Hits Report
#203166

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

Samples Received
01-may-2007 19:30:10

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2705010754	ART-9				
05/08/07	Perchlorate		315000		ug/l	20000
05/03/07	Total Dissolved Solid (TDS)		7440	500	mg/l	10



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750 Royal Oaks Drive, Suite 100
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Laboratory
Data Report
#203166

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

Samples Received
05/01/07

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
ART-1 (2705010734) Sampled on 04/30/07 05:30								
	05/08/07 00:00	365482	(EPA 314	) Perchlorate	107	ug/l	10	5
05/03/07	05/03/07 17:45	365372	(SM 2540C	) Total Dissolved Solid (TDS)	6820	mg/l	10	1
ART-2 (2705010735) Sampled on 04/30/07 05:30								
	05/08/07 00:00	365482	(EPA 314	) Perchlorate	102000	ug/l	20000	5000
05/03/07	05/03/07 17:45	365372	(SM 2540C	) Total Dissolved Solid (TDS)	9120	mg/l	10	1
ART-3 (2705010736) Sampled on 04/30/07 05:30								
	05/08/07 00:00	365482	(EPA 314	) Perchlorate	366000	ug/l	40000	10000
05/03/07	05/03/07 17:45	365372	(SM 2540C	) Total Dissolved Solid (TDS)	8060	mg/l	10	1
ART-4 (2705010737) Sampled on 04/30/07 05:30								
	05/08/07 00:00	365482	(EPA 314	) Perchlorate	359000	ug/l	40000	10000
05/03/07	05/03/07 17:45	365372	(SM 2540C	) Total Dissolved Solid (TDS)	6060	mg/l	10	1
ART-6 (2705010738) Sampled on 04/30/07 05:30								
	05/09/07 00:00	365693	(EPA 314	) Perchlorate	81100	ug/l	20000	5000
05/03/07	05/03/07 17:45	365372	(SM 2540C	) Total Dissolved Solid (TDS)	6900	mg/l	10	1
ART-7 (2705010739) Sampled on 04/30/07 05:30								
	05/08/07 00:00	365482	(EPA 314	) Perchlorate	148000	ug/l	20000	5000
05/03/07	05/03/07 17:45	365372	(SM 2540C	) Total Dissolved Solid (TDS)	10300	mg/l	10	1
ART-8 (2705010740) Sampled on 04/30/07 05:30								
	05/08/07 00:00	365482	(EPA 314	) Perchlorate	294000	ug/l	40000	10000
05/03/07	05/03/07 17:45	365372	(SM 2540C) Total Dissolved Solid (TDS)	9120	mg/l	10	1



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A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
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Laboratory
Data Report
#203166

Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-99R2/R3 (2705010743) Sampled on 04/30/07 06:00								
	05/08/07 00:00	365482	(EPA 314	) Perchlorate	22300	ug/l	2000	500
05/03/07	05/03/07 17:45	365372	(SM 2540C	) Total Dissolved Solid (TDS)	5410	mg/l	10	1
PC-115R (2705010744) Sampled on 04/30/07 06:00								
	05/08/07 00:00	365482	(EPA 314	) Perchlorate	17900	ug/l	2000	500
05/03/07	05/03/07 17:45	365372	(SM 2540C	) Total Dissolved Solid (TDS)	4990	mg/l	10	1
PC-116R (2705010745) Sampled on 04/30/07 06:00								
	05/08/07 00:01	365687	(EPA 314	) Perchlorate	13900	ug/l	2000	500
05/03/07	05/03/07 17:45	365372	(SM 2540C	) Total Dissolved Solid (TDS)	5090	mg/l	10	1
SEEP SURFACE FLOW (2705010746) Sampled on 04/30/07 06:00								
	05/08/07 00:01	365687	(EPA 314	) Perchlorate	677	ug/l	200	50
05/03/07	05/03/07 17:45	365372	(SM 2540C	) Total Dissolved Solid (TDS)	3630	mg/l	10	1
SF-1 (2705010747) Sampled on 04/30/07 06:00								
	05/11/07 00:00	366327	(EPA 314	) Perchlorate	24700	ug/l	2000	500
05/03/07	05/03/07 17:45	365372	(SM 2540C	) Total Dissolved Solid (TDS)	8390	mg/l	10	1
PC-117 (2705010748) Sampled on 04/30/07 06:00								
	05/08/07 00:01	365687	(EPA 314	) Perchlorate	4170	ug/l	800	200
05/03/07	05/03/07 18:15	365373	(SM 2540C	) Total Dissolved Solid (TDS)	3800	mg/l	10	1
PC-118 (2705010749) Sampled on 04/30/07 06:00								
	05/08/07 00:01	365687	(EPA 314	) Perchlorate	10800	ug/l	800	200
05/03/07	05/03/07 18:15	365373	(SM 2540C	) Total Dissolved Solid (TDS)	4220	mg/l	10	1
PC-119 (2705010750) Sampled on 04/30/07 06:00								
	05/08/07 00:01	365687	(EPA 314	) Perchlorate	14000	ug/l	800	200
05/03/07	05/03/07 18:15	365373	(SM 2540C) Total Dissolved Solid (TDS)	3750	mg/l	10	1



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Tronox LLC - Henderson
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
PC-120 (2705010751) Sampled on 04/30/07 06:00								
	05/08/07 00:01	365687	(EPA 314)	Perchlorate	1640	ug/l	400	100
05/03/07	05/03/07 18:15	365373	(SM 2540C)	Total Dissolved Solid (TDS)	2640	mg/l	10	1
PC-121 (2705010752) Sampled on 04/30/07 06:00								
	05/08/07 00:01	365687	(EPA 314)	Perchlorate	1610	ug/l	400	100
05/03/07	05/03/07 18:15	365373	(SM 2540C)	Total Dissolved Solid (TDS)	2700	mg/l	10	1
PC-133 (2705010753) Sampled on 04/30/07 06:00								
	05/08/07 00:01	365687	(EPA 314)	Perchlorate	7380	ug/l	800	200
05/03/07	05/03/07 18:15	365373	(SM 2540C)	Total Dissolved Solid (TDS)	4080	mg/l	10	1
ART-9 (2705010754) Sampled on 04/30/07 05:30								
	05/08/07 00:01	365687	(EPA 314)	Perchlorate	315000	ug/l	20000	5000
05/03/07	05/03/07 18:15	365373	(SM 2540C)	Total Dissolved Solid (TDS)	7440	mg/l	10	1



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Laboratory
 QC Summary
 #203166

Tronox LLC - Henderson

QC Ref #365372 - Total Dissolved Solid (TDS) Analysis Date: 05/03/2007

2705010734	ART-1	Analyzed by: dtn
2705010735	ART-2	Analyzed by: dtn
2705010736	ART-3	Analyzed by: dtn
2705010737	ART-4	Analyzed by: dtn
2705010738	ART-6	Analyzed by: dtn
2705010739	ART-7	Analyzed by: dtn
2705010740	ART-8	Analyzed by: dtn
2705010743	PC-99R2/R3	Analyzed by: dtn
2705010744	PC-115R	Analyzed by: dtn
2705010745	PC-116R	Analyzed by: dtn
2705010746	SEEP SURFACE FLOW	Analyzed by: dtn
2705010747	SF-1	Analyzed by: dtn

QC Ref #365373 - Total Dissolved Solid (TDS) Analysis Date: 05/03/2007

2705010748	PC-117	Analyzed by: dtn
2705010749	PC-118	Analyzed by: dtn
2705010750	PC-119	Analyzed by: dtn
2705010751	PC-120	Analyzed by: dtn
2705010752	PC-121	Analyzed by: dtn
2705010753	PC-133	Analyzed by: dtn
2705010754	ART-9	Analyzed by: dtn

QC Ref #365482 - Perchlorate Analysis Date: 05/08/2007

2705010734	ART-1	Analyzed by: raja
2705010735	ART-2	Analyzed by: raja
2705010736	ART-3	Analyzed by: raja
2705010737	ART-4	Analyzed by: raja
2705010739	ART-7	Analyzed by: raja
2705010740	ART-8	Analyzed by: raja
2705010743	PC-99R2/R3	Analyzed by: raja
2705010744	PC-115R	Analyzed by: raja

QC Ref #365687 - Perchlorate Analysis Date: 05/08/2007

2705010745	PC-116R	Analyzed by: raja
2705010746	SEEP SURFACE FLOW	Analyzed by: raja
2705010748	PC-117	Analyzed by: raja
2705010749	PC-118	Analyzed by: raja



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Laboratory
QC Summary
#203166

Tronox LLC - Henderson
(continued)

2705010750	PC-119	Analyzed by: raja
2705010751	PC-120	Analyzed by: raja
2705010752	PC-121	Analyzed by: raja
2705010753	PC-133	Analyzed by: raja
2705010754	ART-9	Analyzed by: raja

QC Ref #365693 - Perchlorate

Analysis Date: 05/09/2007

2705010738 ART-6

Analyzed by: raja

QC Ref #366327 - Perchlorate

Analysis Date: 05/11/2007

2705010747 SF-1

Analyzed by: raja



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Laboratory
QC Report
#203166

Tronox LLC - Henderson

QC Ref #365372 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05010708	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	2760	2680	MGL		(0-10)	2.9
LCS1	Total Dissolved Solid (TDS)	175	176	MGL	100.6	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	698	MGL	99.7	(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)	100.571	99.714	MGL	0.9	(0-20)	

QC Ref #365373 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 27	05010748	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	3800	3900	MGL		(0-10)	2.6
LCS1	Total Dissolved Solid (TDS)	175	184	MGL	105.1	(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	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	105.143	98.286	MGL	6.7	(0-20)	

QC Ref #365482 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05010736	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS2	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS3	Perchlorate	4	4.37	UGL	109.2	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	24.9	UGL	99.6	(80-120)	
MSD	Perchlorate	25.0	24.0	UGL	96.0	(80-120)	
RPD_LCS	Perchlorate	105.600	105.600	UGL	0.0	(0-15)	
RPD_MS	Perchlorate	99.600	96.000	UGL	1.0	(0-15)	

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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Laboratory
QC Report
#203166

Tronox LLC - Henderson
(continued)

QC Ref #365687 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05010745	UGL		(0-0)	
LCS1	Perchlorate	25.0	26.4	UGL	105.6	(85-115)	
LCS2	Perchlorate	25.0	26.3	UGL	105.2	(85-115)	
LCS3	Perchlorate	4	4.34	UGL	108.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	23.7	UGL	94.8	(80-120)	
MSD	Perchlorate	25.0	22.9	UGL	91.6	(80-120)	
RPD_LCS	Perchlorate	105.600	105.200	UGL	0.4	(0-15)	
RPD_MS	Perchlorate	94.800	91.600	UGL	1.0	(0-15)	

QC Ref #365693 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05020813	UGL		(0-0)	
LCS1	Perchlorate	25.0	24.0	UGL	96.0	(85-115)	
LCS2	Perchlorate	25.0	25.6	UGL	102.4	(85-115)	
LCS3	Perchlorate	4	4.18	UGL	104.5	(75-125)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	22.9	UGL	91.6	(80-120)	
MSD	Perchlorate	25.0	23.4	UGL	93.6	(80-120)	
RPD_LCS	Perchlorate	96.000	102.400	UGL	6.5	(0-15)	
RPD_MS	Perchlorate	91.600	93.600	UGL	1.0	(0-15)	

QC Ref #366327 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 27	05030206	UGL		(0-0)	
LCS1	Perchlorate	25.0	23.7	UGL	94.8	(85-115)	
LCS2	Perchlorate	25.0	24.1	UGL	96.4	(85-115)	

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Laboratory
QC Report
#203166

Tronox LLC - Henderson (continued)

LCS3	Perchlorate	4	3.67	UGL	91.8	(75-125)
MBLK	Perchlorate	ND	<4.0	UGL		
MS	Perchlorate	25.0	21.3	UGL	85.2	(80-120)
MSD	Perchlorate	25.0	21.3	UGL	85.2	(80-120)
RPD_LCS	Perchlorate	94.800	96.400	UGL	1.7	(0-15)
RPD_MS	Perchlorate	85.200	85.200	UGL	1.0	(0-15)

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